

EXHIBIT C1

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Asset Management Services
 December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/01/19	Review / update AMS Task 2 work and resource plan as of 12/1 to provide update to M. Broida (KPMG) for ultimate communication to PG&E leadership.	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/02/19	Working session with J. Birch and M Sakamoto (PG&E) regarding transmission asset inspection identification / scoping approach for alignment with distribution process.	2.5	\$ 400.00	\$ 1,000.00
Dennis Cha	12/02/19	2.9 Perform Inspection planning distribution and transmission equipment list data analysis per request from J.C. Mathieson (PG&E).	2.9	\$ 275.00	\$ 797.50
Gaurav Thapan-Raina	12/02/19	(3.0) Analyzed lists of all GNTs that took place in the PG&E service territory to determine / segment the causes both in HFTDs and non-HFTDs. The purpose of this review was to determine the reliability of the database in reviewing input assumptions to the upcoming RAMP filing for the Risk Spend Efficiency (RSE) scores.	3.0	\$ 400.00	\$ 1,200.00
Katherine Hee	12/02/19	(3.0) Created huddle board to track daily action items to achieve 2020 Inspections Plan inspection kick off date;	3.0	\$ 275.00	\$ 825.00
Dennis Cha	12/02/19	2.0 Reviewed 2020 distribution inspection planning EC notification unmatched to circuits per request from J. Birch (PG&E).	2.0	\$ 275.00	\$ 550.00
Matt Broida	12/02/19	(2.0) Update AMS reporting /budgeting across tasks for communication to client	2.0	\$ 435.00	\$ 870.00
Matthew Bowser	12/02/19	Working session with J. Birch, H. Duncan, K. Munson (PG&E) T. DeGrande, K. Hee (KPMG) to prepare for pull-planning scheduling session on 12/4.	2.0	\$ 400.00	\$ 800.00
Gaurav Thapan-Raina	12/02/19	(2.2) Analyzed distribution wood pole inspection and testing data compiled for the previous five years for PG&E's distribution system(preparing various cuts of the data to determine pole replacement frequency and DE resilience, concurrently preparing a list of clarification questions to review with the appropriate PG&E SME).	2.2	\$ 400.00	\$ 880.00
Will Brennan	12/02/19	(2.4) Analysis of seasonal fluctuations in asset family bowties for B. Wong (PG&E);	2.4	\$ 325.00	\$ 780.00
Farbod Farzan	12/02/19	(3.4) Began revising the distribution outage dataset to reflect major event dates; specifically analysis of the latest file that provided by J. Morata (PG&E), concurrently incorporating changes to the master outage dataset	3.4	\$ 325.00	\$ 1,105.00
Katherine Hee	12/02/19	(3.0) Created two week look ahead schedule to accompany huddle board to track 2020 Inspection Planning team target action items and required deliverables;	3.0	\$ 275.00	\$ 825.00
Will Brennan	12/02/19	(3.0) Updated the fire database with latitudes and longitudes for B. Wong (PG&E) to be used for consequences on the right side of the DE bowtie.	3.0	\$ 325.00	\$ 975.00

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Garrett Lodewyck	12/02/19	Documented procedures / initial findings related to quality control review related to GIS egress analysis	3.4	\$ 435.00	\$ 1,479.00
Garrett Lodewyck	12/02/19	Quality control review related to GIS egress analysis (specifically reviewing requirements gathering, data collection, data investigation, data prep, technology/methodology research)	3.6	\$ 435.00	\$ 1,566.00
Taylor DeGrande	12/02/19	2.5 Converting Inspection questionnaire for the Transmission Non-Steel Structures from the Gap Assessment template provided by the Governance development team (PG&E) to a format for the Technology Digital Catalyst (PG&E) team as requested by J. Birch (PG&E); 1.5 Converting Inspection questionnaire for the Transmission Underground Assets from the Gap Assessment template provided by the Governance development team (PG&E) to a format for the Technology Digital Catalyst (PG&E) team as requested by J. Birch (PG&E).	4.0	\$ 325.00	\$ 1,300.00
Taylor DeGrande	12/02/19	2.0 Working session with J. Birch, H. Duncan, K. Munson (PG&E) K. Hee (KPMG) to perform planning for scheduling development workshop 12/4.; 1.0 Update AMS Task 2 workpapers via working session with T. DeGrande, K. Hee, and D. Cha (KPMG); 3.0 Continue, as of 12/2, to assemble AMS Task 2 workpapers for remaining items after KPMG team working session.;	6.0	\$ 325.00	\$ 1,950.00
Dennis Cha	12/02/19	1.6 Analyzed open ECs with their unmatched circuits per request from J. Birch (PG&E).	1.6	\$ 275.00	\$ 440.00
Dennis Cha	12/02/19	1.5 Discussion with J. Birch (PG&E) on 2020 inspection planning equipment ID.	1.5	\$ 275.00	\$ 412.50
Matthew Bowser	12/02/19	Manager review of summary report developed by D. Cha (KPMG) for distribution assets relative to 2020 inspection compliance and risk-based inspections.	1.5	\$ 400.00	\$ 600.00
Katherine Hee	12/02/19	(1.2) Continued, from earlier on 12/2, to create huddle board to track daily action items to achieve 2020 Inspections Plan inspection kick off date	1.2	\$ 275.00	\$ 330.00
Matthew Bowser	12/02/19	Review 2020 detailed work plan activity list provided by S. Miyamoto and T. Mintzer (KPMG) for overlap and tracking of major program milestones between efforts.	1.2	\$ 400.00	\$ 480.00
Farbod Farzan	12/02/19	(1.1) Continue, as of 12/2, prepping the distribution outage dataset in order to revise entries for major event dates (this includes analysis of the latest file that provided by J. Morata (PG&E) and incorporate changes to the master outage dataset and ultimately risk input sheets).	1.1	\$ 325.00	\$ 357.50
Dennis Cha	12/02/19	1.0 Continued, as of 12/2, Inspection planning distribution and transmission equipment list data analysis per request from J.C. Mathieson (PG&E).	1.0	\$ 275.00	\$ 275.00
Dennis Cha	12/02/19	1.0 Update AMS Task 2 workpaper documentation as of 12/2 via working session with M. Bowser, T. DeGrande, K. Hee (KPMG)	1.0	\$ 275.00	\$ 275.00

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Farbod Farzan	12/02/19	(1.0) Analysis of substation financial consequences (this involved analysis of orders provided by PG&E finance group).	1.0	\$ 325.00	\$ 325.00
Gaurav Thapan-Raina	12/02/19	(1.0) Prepared PowerPoint slide outlining methodology / approach for updating the input assumptions for the Task 2 in preparation for a discussion with S.Vanukuri (PG&E)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/02/19	Update AMS Task 2 workpaper documentation via working session with T. DeGrande, K. Hee, and D. Cha (KPMG)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/02/19	Attend 12/2 2020 inspections planning huddle call led by J. Birch (PG&E)	0.9	\$ 400.00	\$ 360.00
Katherine Hee	12/02/19	(0.80) 2020 Inspection Program PMO (12/2) touch base with M. Bowser, T. DeGrande (KPMG), J. Birch, S. Foster, K. Munson, S. Urizar, W. Shaw (PG&E) to review progress and workweek accomplishment schedule;	0.8	\$ 275.00	\$ 220.00
Farbod Farzan	12/02/19	(0.7) Call with D. Pant (PG&E), G. Thapan-Raina, W. Brennan (KPMG), and S. Vanukuri (PG&E) regarding bowtie project status as of 12/2 and developments.	0.7	\$ 325.00	\$ 227.50
Gaurav Thapan-Raina	12/02/19	(0.7) Call with D. Pant (PG&E), F. Farzan, W. Brennan (KPMG), and S. Vanukuri (PG&E) regarding bowtie project status as of 12/2 and developments.	0.7	\$ 400.00	\$ 280.00
Will Brennan	12/02/19	(0.7) Call with D. Pant (PG&E), G. Thapan-Raina, F. Farzan (KPMG), and S. Vanukuri (PG&E) regarding bowtie project status as of 12/2 and developments;	0.7	\$ 325.00	\$ 227.50
Gaurav Thapan-Raina	12/02/19	(0.5) Call with J. D'Angelo, S.Vanukuri (PG&E), W. Brennan (KPMG) to discuss distribution wood pole structure inspection and testing data related to the light-duty steel pole risk score efficiency methodology.	0.5	\$ 400.00	\$ 200.00
Gaurav Thapan-Raina	12/02/19	(0.4) Meeting with W. Brennan (KPMG), S. Holder (PG&E) regarding the Task 2 Risk Score Efficiency methodology.	0.4	\$ 400.00	\$ 160.00
Will Brennan	12/02/19	(0.4) Meeting with G. Thapan-Raina (KPMG), and S. Holder (PG&E) regarding the Task 2 Risk Score Efficiency methodology;	0.4	\$ 325.00	\$ 130.00
Gaurav Thapan-Raina	12/02/19	(0.2) Call with S. Vanukuri (PG&E), W. Brennan (KPMG) regarding the Task 2 Risk Score Efficiency.	0.2	\$ 400.00	\$ 80.00
Will Brennan	12/02/19	(0.2) Call with S. Vanukuri (PG&E), G. Thapan-Raina (KPMG) regarding the Task 2 Risk Score Efficiency;	0.2	\$ 325.00	\$ 65.00
Katherine Hee	12/03/19	(3.4) Reconfigured daily huddle board structure to accurately track critical items addressed during daily huddle call; (3.1) Utilizing program milestone information from 2020 Inspections team, assembled for 3/1 pull planning session;	6.5	\$ 275.00	\$ 1,787.50

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Taylor DeGrande	12/03/19	2.0 Working session with M. Bowser, K. Hee (KPMG) to prepare for pull-planning scheduling session on 12/4.; 1.3 Continue, as of 12/3, to prepare material for scheduling planning session, pull-planning, with PG&E stakeholders to map out action plan towards 3/1 inspection start milestone.; 1.0 Review with A.Morabe (PG&E), J. Birch (PG&E), M. Bowser (KPMG), and T.DeGrande (KPMG) Technology's development of mobile inspection applications aligned with new governance requirements and feedback from System Inspection's feedback on operational logistics.;	4.3	\$ 325.00	\$ 1,397.50
Scott Stoddard	12/03/19	1.5 - Attended 2020 Financial Work plan Huddle meeting and debrief with client 1.5 - Preliminary 2020 Task 2 work plan extension meeting with client.	3.0	\$ 435.00	\$ 1,305.00
Gaurav Thapan-Raina	12/03/19	(3.9) Updated documentation, as of 12/3, of findings related to seismic risk analysis on substations, transmission, distribution overhead, underground (specifically describing PG&E's need to incorporate seismic risk into the bowtie analyses, the process of identifying which asset categories are relevant, involving relevant PG&E SMEs to obtain the data and describing the analyses performed along with outputs).	3.9	\$ 400.00	\$ 1,560.00
Matthew Bowser	12/03/19	Develop inspection slides for governor strike force meeting at the request of J. Birch and M. Hvistendahl (PG&E)	3.9	\$ 400.00	\$ 1,560.00
Farbod Farzan	12/03/19	(3.7) Preparing deck for DER that contains driver/subdrivers frequencies along with associated controls and mitigations requested by H. Mejjaty (PG&E)	3.7	\$ 325.00	\$ 1,202.50
Taylor DeGrande	12/03/19	0.5 Prepared agenda / discussion points for daily huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 2.2 Continue to pull together AMS Task 2 workpapers for remaining contract deliverables.;	3.7	\$ 325.00	\$ 1,202.50
Dennis Cha	12/03/19	3.4 Analyzed the variance between functional locations and its associated planned patrol/inspection units per request from J. Birch (PG&E).	3.4	\$ 275.00	\$ 935.00
Farbod Farzan	12/03/19	(3.3) Continuation, as of 12/3, revising distribution outage dataset to reflect major event dates; specifically analysis of the latest file that provided by J. Morata (PG&E), concurrently incorporating changes to the master outage dataset	3.3	\$ 325.00	\$ 1,072.50
Will Brennan	12/03/19	(3.0) Added sources to CalFire DEs for B. Wong, Y. Oum (PG&E);	3.0	\$ 325.00	\$ 975.00
Dennis Cha	12/03/19	2.6 Discussed status and next steps on utility bulletin, ECOP final summary, circuit ranking with J.C. Mathieson (PG&E).	2.6	\$ 275.00	\$ 715.00

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Dennis Cha	12/03/19	2.6 Reviewed AMS Task 2 workpaper documentation as of 12/3, specifically Pole Integrity Assessment PMO support, Task 2 mitigation plan support.	2.6	\$ 275.00	\$ 715.00
Gaurav Thapan-Raina	12/03/19	(2.0) Reviewed revised datasets for seismic risk scenarios for substations, notably risk to various pieces of equipment/assets within substations, concurrently preparing a list of clarifying questions for discussion with PG&E.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/03/19	Working session with T. DeGrande, K. Hee (KPMG) to prepare for pull-planning scheduling session on 12/4.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/03/19	Attend 2020 work planning 12/3 update and coordination meeting led by T. Mintzer and J. Mathieson (PG&E)	1.7	\$ 400.00	\$ 680.00
Gaurav Thapan-Raina	12/03/19	(1.6) Updated remaining bowtie documentation as requested by the PG&E Electrical Operations (EO) team in preparation for handoff at the end of the year (the update included ensuring that all communications and working papers were accounted for and documented in the master file and that milestones were being appropriately tracked and closed in consultation with relevant PG&E stakeholders).	1.6	\$ 400.00	\$ 640.00
Will Brennan	12/03/19	(1.5) Added lat/lon and time data into the CalFire database as requested by B. Wong , Y. Oum (PG&E);	1.5	\$ 325.00	\$ 487.50
Matthew Bowser	12/03/19	Review governor update slides with M. Hvistendahl, J. Birch, and S. Urizar (PG&E).	1.3	\$ 400.00	\$ 520.00
Dennis Cha	12/03/19	1.0 Working session with M. Bowser (KPMG) to discuss AMS Task 2 activities, deliverables, risks and challenges as of 12/3 relative to EC Optimization Program Project Management Office and other Task 2 activities.	1.0	\$ 275.00	\$ 275.00
Farbod Farzan	12/03/19	(1.0) Analysis of transmission overhead and underground financial consequences (involved analysis of orders provided by PG&E finance group)	1.0	\$ 325.00	\$ 325.00
Katherine Hee	12/03/19	(1.0) Updating daily huddle board (12/3) to outline action items to be accomplished by 2020 Inspection Plan team by end of workday;	1.0	\$ 275.00	\$ 275.00
Matthew Bowser	12/03/19	Working session with J. Birch and S. Urizar (PG&E) to develop content for governor strike force update on 12/6.	1.0	\$ 400.00	\$ 400.00
Will Brennan	12/03/19	(1.0) Updated designated portion of deck for H. Mejjaty (PG&E).	1.0	\$ 325.00	\$ 325.00
Matthew Bowser	12/03/19	Attend 12/3 2020 inspections planning huddle call led by J. Birch (PG&E)	0.6	\$ 400.00	\$ 240.00
Farbod Farzan	12/03/19	(0.5) Meeting with W. Brennan, G. Thapan-Raina (KPMG), S. Vanukuri (PG&E) regarding the Task 2 Risk Score Efficiency methodology.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/03/19	(0.5) Meeting with W. Brennan (KPMG), B. Wong, Y. Oum (PG&E) regarding DE consequences.	0.5	\$ 325.00	\$ 162.50

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Garrett Lodewyck	12/03/19	Quality control review related to GIS analysis - follow-up with J. White, J. Gonzalez (KPMG) to communicate procedures, initial findings and next steps.	0.5	\$ 435.00	\$ 217.50
Gaurav Thapan-Raina	12/03/19	(0.5) Meeting with S. Vanukuri (PG&E), and W. Brennan regarding the Task 2 Risk Score Efficiency methodology.	0.5	\$ 400.00	\$ 200.00
Katherine Hee	12/03/19	(0.5) 2020 Inspection Program PMO touch base with M. Bowser, T. DeGrande, K. Hee (KPMG), J. Birch, S. Foster, K. Munson, S. Urizar, W. Shaw (PG&E) to review progress as of 12/3 and workweek accomplishment schedule;	0.5	\$ 275.00	\$ 137.50
Will Brennan	12/03/19	(0.5) Meeting with F. Farzan (KPMG), B. Wong, Y. Oum (PG&E) regarding DE consequences;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/03/19	(0.5) Meeting with G. Thapan-Raina (KPMG), S. Vanukuri (PG&E) regarding the Task 2 Risk Score Efficiency methodology;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/03/19	(0.5) Call with J. Huang (PG&E) regarding the DE GNT data set and clarifying issues;	0.5	\$ 325.00	\$ 162.50
Dennis Cha	12/03/19	0.4 Continued, as of 12/3, to analyze the variance between functional locations and its associated planned patrol/inspection units per request from J. Birch (PG&E).	0.4	\$ 275.00	\$ 110.00
Taylor DeGrande	12/04/19	0.5 Prepared agenda / discussion points for 12/4 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K.Hee (KPMG).; 1.0 Facilitated demo for PG&E's Drone Inspection Review Team (DIRT) of the new mobile Inspect App for Transmission at the request of J. Birch (PG&E); .; 3.6 Convert designated portion of outcome of pull planning schedule workshop from milestones / activity post-it notes put on the wall by workstream into Microsoft Project to continue to monitor and track progress throughout program development.;	6.1	\$ 325.00	\$ 1,982.50
Katherine Hee	12/04/19	(3.0) Assisted T. DeGrande (KPMG) facilitating the pull planning workshop to identify dependencies / milestones to accomplish a success 3/1/2020 program start date; (1.5) Created schedule to accomplish program start date by identifying milestone dates and expected accomplishments;	4.5	\$ 275.00	\$ 1,237.50
Arun Mani	12/04/19	(1.0) Principal review, as of 12/4, of bow tie analysis prepared by the team; (1.0) Discussion with B. Wong (PG&E) on status, as of 12/4 of items with respect to Task 3; (1.0) Discussion with D. Pant (PG&E) on status of items as of 12/4, with respect to the bow-tie task; (1.0) Principal review of Task 3 material prepared by A. Irwin (KPMG)	4.0	\$ 500.00	\$ 2,000.00

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Dennis Cha	12/04/19	3.0 Developed 2020 distribution inspection planning inspection candidate review venn diagram for open EC, tier 3 circuit, and compliance due per request from J. Birch (PG&E) 1.0 Finalized ECOP final summary and submitted to J.C. Mathieson (PG&E) for review and acceptance.	4.0	\$ 275.00	\$ 1,100.00
Scott Stoddard	12/04/19	3.9 – Attend 2020 Inspections Maintenance program schedule pull planning session facilitated by T. DeGrande (KPMG) and J. Birch (PG&E) with PG&E Asset Strategy and System Inspections SMEs: H. Duncan, M. Sakamoto, S. Urizar, S. Foster, J. Mathieson, and K. Munson, KPMG; M. Bowser	3.9	\$ 435.00	\$ 1,696.50
Scott Stoddard	12/04/19	Task 2 extension meeting with client	3.6	\$ 435.00	\$ 1,566.00
Gaurav Thapan-Raina	12/04/19	(3.9) Prepared analysis outputs for seismic risk scenario impacts on PG&E substations (the analysis mainly assessed the impacts on power transformers and circuit breakers in order to determine which substations would be at risk versus those that would continue to be functional due to system hardening. Performed correlation analyses between the probability of damage to a transmission underground circuit and the number of circuit miles at risk due to exposure to liquefaction zones and vulnerable to landslides across three different earthquake scenarios)	3.9	\$ 400.00	\$ 1,560.00
Matthew Bowser	12/04/19	3.9 – Attend 2020 Inspections Maintenance program schedule pull planning session facilitated by T. DeGrande (KPMG) and J. Birch (PG&E) with PG&E Asset Strategy and System Inspections SMEs: H. Duncan, M. Sakamoto, S. Urizar, S. Foster, J. Mathieson, and K. Munson, KPMG; S. Stoddard	3.9	\$ 400.00	\$ 1,560.00
Taylor DeGrande	12/04/19	3.9 2020 Inspections Maintenance program schedule pull planning session facilitated with J. Birch (PG&E) with PG&E Asset Strategy and System Inspections SMEs: H. Duncan, M. Sakamoto, S. Urizar, S. Foster, J. Mathieson, and K. Munson (PG&E) M. Bowser, S. Stoddard (KPMG);	3.9	\$ 325.00	\$ 1,267.50
Farbod Farzan	12/04/19	(3.4) Began updating the Electric Incident Report in order to add driver and sub-drivers for media and property damage incident types and compare them to driver/sub-drivers in risk registers requested by Hicham Mejlaty (PG&E).	3.4	\$ 325.00	\$ 1,105.00
Katherine Hee	12/04/19	(2.0) Created visual milestones / dependencies for pull planning session work session schedule board to facilitate session with client	2.0	\$ 275.00	\$ 550.00
Matthew Bowser	12/04/19	Add region and main work center information to distribution assets as requested by S. Urizar / J. Birch for resource-leveilling of work plan.	2.0	\$ 400.00	\$ 800.00
Will Brennan	12/04/19	(2.5) Updated the bowtie master deck H. Mejlaty (PG&E) as instructed to by F. Farzan (KPMG);	2.5	\$ 325.00	\$ 812.50

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Matthew Bowser	12/04/19	Attend 2020 work planning 12/4 update and coordination meeting led by T. Mintzer and J. Mathieson (PG&E)	1.9	\$ 400.00	\$ 760.00
Farbod Farzan	12/04/19	(1.6) Analysis of reliability consequences of wildland fires requested by B. Wong (PG&E)	1.6	\$ 325.00	\$ 520.00
Gaurav Thapan-Raina	12/04/19	(1.6) Repeated similar analysis (correlations) for distribution overhead and underground lines to determine any patterns in terms of increasing riskiness of circuit miles exposed based on liquefaction zone and landslide information, concurrently identifying missing data and inconsistencies, documenting questions for further clarification on inconsistent data items with PG&E.	1.6	\$ 400.00	\$ 640.00
Farbod Farzan	12/04/19	(1.5) Meeting with B. Wong (PG&E), W. Brennan (KPMG) regarding the consequence approach for the right side of the DE bowtie.	1.5	\$ 325.00	\$ 487.50
Garrett Lodewyck	12/04/19	Quality control review related to GIS analysis - interviewed original model developer, refined quality control model based on new information, and updated procedures and findings documentation.	1.5	\$ 435.00	\$ 652.50
Juan Gonzalez III	12/04/19	AMS Task 5 Oversight with G. Armstrong (KPMG) ; Oversight (Task #5)	1.5	\$ 500.00	\$ 750.00
Will Brennan	12/04/19	(1.5) Meeting with B. Wong (PG&E), F. Farzan (KPMG) regarding the consequence approach for the right side of the DE bowtie;	1.5	\$ 325.00	\$ 487.50
Will Brennan	12/04/19	(2.0) Updated summary charts for B. Wong (PG&E) for all asset bowties for a seasonal analysis;	2.0	\$ 325.00	\$ 650.00
Matt Broida	12/04/19	(0.7) Vegetation update with D. Kida (PG&E); (0.3) Bowtie update with G. Thapan-Raina (KPMG) on new request from H. Mejjaty (PG&E); (0.3) Communication to H. Mejjaty and D. Pant (PG&E) on revised driver request.	1.3	\$ 435.00	\$ 565.50
Matthew Bowser	12/04/19	Review circuit-based risk prioritization as requested by J. Thalman and J. Mathieson (PG&E) to develop graphs to review correlation between risk factors	1.3	\$ 400.00	\$ 520.00
Farbod Farzan	12/04/19	(1.0) Meeting with B. Low (PG&E) and G. Raina (KPMG) to discuss seismic risk and preliminarily findings.	1.0	\$ 325.00	\$ 325.00
Katherine Hee	12/04/19	(1.0) Continued from earlier on 12/4, to assist T. DeGrande (KPMG) facilitate pull planning workshop to identify dependencies / milestones to accomplish a success 3/1/2020 program start date;	1.0	\$ 275.00	\$ 275.00
Will Brennan	12/04/19	(2.0) Updated DE consequences workbook with latitudes and longitudes, start times, and sources for B. Wong, Y. Oum (PG&E);	2.0	\$ 325.00	\$ 650.00
Matthew Bowser	12/04/19	Attend 12/4 2020 inspections planning huddle call led by J. Birch (PG&E)	0.6	\$ 400.00	\$ 240.00
Farbod Farzan	12/04/19	(0.5) Call with D. Pant (PG&E), G. Thapan-Raina, W. Brennan (KPMG), and S. Vanukuri (PG&E) regarding bowtie project status and developments as of 12/4	0.5	\$ 325.00	\$ 162.50

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Farbod Farzan	12/04/19	(0.5) Meeting with D. Pant (PG&E) to discuss required analysis on electric incident report dataset.	0.5	\$ 325.00	\$ 162.50
Gaurav Thapan-Raina	12/04/19	(0.5) Call with D. Pant (PG&E), F. Farzan, W. Brennan (KPMG), and S. Vanukuri (PG&E) regarding bowtie project status and developments as of 12/4.	0.5	\$ 400.00	\$ 200.00
Gaurav Thapan-Raina	12/04/19	(0.5) Meeting with B. Wong (PG&E), S. Vanukuri (PG&E), W. Brennan (KPMG) regarding the Public Safety Power Shutoff Risk Score Efficiency methodology.	0.5	\$ 400.00	\$ 200.00
Gaurav Thapan-Raina	12/04/19	(0.5) Meeting with S.Holder, S.Vanukuri (PG&E) to discuss research and analysis of Task 2 events declared in 2019 and identify additional resources and data.	0.5	\$ 400.00	\$ 200.00
Gaurav Thapan-Raina	12/04/19	(0.5) Meeting with B. Low (PG&E) and F.Farzan (KPMG) to discuss seismic risk impact for substation, distribution underground, distribution overhead and transmission underground datasets.	0.5	\$ 400.00	\$ 200.00
Gaurav Thapan-Raina	12/04/19	(0.5) Preparation of detailed communication message for S.Strenfel, S.Gilleran (PG&E) from the PG&E Meteorology team requesting information on previous analog events for Task 2 events declared in 2019 as well as any prior analysis performed on fire GNTs in the PG&E service territory that would be relevant to assessing the effectiveness of Task 2 events in mitigating GNTs.	0.5	\$ 400.00	\$ 200.00
Katherine Hee	12/04/19	(0.5) 2020 Inspection Program PMO touch base with M. Bowser, T. DeGrande, K. Hee (KPMG), J. Birch, S. Foster, K. Munson, S. Urizar, W. Shaw (PG&E) to review progress and workweek accomplishment schedule as of 12/4;	0.5	\$ 275.00	\$ 137.50
Will Brennan	12/04/19	(0.5) Call with D. Pant (PG&E), G. Thapan-Raina, F. Farzan (KPMG), and S. Vanukuri (PG&E) regarding bowtie project status and developments as of 12/4	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/04/19	(0.5) Call with D. Pant (PG&E) regarding the DE bowtie;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/04/19	(0.5) Meeting with B. Wong (PG&E), S. Vanukuri (PG&E), G. Thapan-Raina (KPMG) regarding the Task 2 Risk Score Efficiency methodology.	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	12/05/19	2.0 Continued, as of 12/5, review of as-built Overhead Inspection Checklist for Distribution led by R.Skeahan (PG&E) to identify questions in current checklist development with J. Birch (PG&E), T.Gradie (PG&E), and T.DeGrande (KPMG); 1.0 Converted data collected from schedule planning session into two-week look ahead to be included in PMO Huddle deck for meeting participants reference of upcoming activities.; 1.5 Identify key milestones from program development schedule to continually track and provide to as a discussion item to Director Steering Committee.;	4.5	\$ 325.00	\$ 1,462.50

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Asset Management Services

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	12/05/19	(3.7) Continuation, as of 12/5, revising the Electric Incident Report in order to add driver and sub-drivers for media and property damage incident types, comparing them to driver/sub-drivers in risk registers requested by Hicham Mejjaty (PG&E).	3.7	\$ 325.00	\$ 1,202.50
Taylor DeGrande	12/05/19	0.5 Prepared agenda / discussion points for 12/5 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended 12/5 Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, K.Hee (KPMG).; 2.0 Review as-built Overhead Inspection Checklist for Distribution led by R.Skeahan (PG&E) to identify questions in current checklist development with J. Birch (PG&E), T.Gradie (PG&E), and T.DeGrande (KPMG);	3.5	\$ 325.00	\$ 1,137.50
Will Brennan	12/05/19	(3.4) Continued update of DE consequences workbook, as of 12/5, for Y. Oum, B. Wong (PG&E);	3.4	\$ 325.00	\$ 1,105.00
Farbod Farzan	12/05/19	(3.3) Continuation, from earlier on 12/5, revising the Electric Incident Report in order to add driver and sub-drivers for media and property damage incident types, comparing them to driver/sub-drivers in risk registers requested by Hicham Mejjaty (PG&E).	3.3	\$ 325.00	\$ 1,072.50
Dennis Cha	12/05/19	3.0 Developed preliminary Alteryx workflow for the distribution detailed inspection selection per request from J. Birch (PG&E).	3.0	\$ 275.00	\$ 825.00
Matthew Bowser	12/05/19	Develop leadership update slides as requested by R. Movafagh (PG&E) for 12/6 leadership update on maintenance planning program.	3.0	\$ 400.00	\$ 1,200.00
Gaurav Thapan-Raina	12/05/19	(1.0) Revised system-wide blackout incidents based on confirmations received from R. Robinson, P. Mackey (PG&E) on excluding 14 incidents from the OE-417 incident reporting dataset. (1.0)Reviewed reliability consequence calculations and identified additional potential benchmarks to review in order to determine reliability impacts (customer minutes lost due to outages) that would be relevant proxies for the PG&E service territory. (.9) Prepared revised bowtie input sheet for the RAMP model based on PG&E feedback and submitted to PG&E for further analysis.	2.9	\$ 400.00	\$ 1,160.00
Dennis Cha	12/05/19	2.1 Analyzed the customer count by circuit per request from J.E. Thalman (PG&E).	2.1	\$ 275.00	\$ 577.50
Gaurav Thapan-Raina	12/05/19	(2.1) Utilizing PG&E studies performed with regard to the Task 2-Extreme-Plus Threshold Recommendation report of May 2019, analyzed calculations for determining Task 2 thresholds and variables such as Outage Producing Wind (OPW) and Fire Protection Index (FPI) used in calculating the thresholds.	2.1	\$ 400.00	\$ 840.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/05/19	Working session with S. Foster (PG&E) to review next steps and status of revised maintenance standards T-D 1001s, TD3322S, and TD 8123S.	2.1	\$ 400.00	\$ 840.00
Dennis Cha	12/05/19	2.0 Developed preliminary Tableau visualization for the distribution detailed inspection selection per request from J. Birch (PG&E).	2.0	\$ 275.00	\$ 550.00
Dennis Cha	12/05/19	2.0 Discussed preliminary result of distribution detailed inspection selection categorization and next steps with J. Birch (PG&E).	2.0	\$ 275.00	\$ 550.00
Farbod Farzan	12/05/19	(2.0) Meeting with B. Wong (PG&E), G. Thapan-Raina (KPMG) to discuss seismic risk and employee safety incidents.	2.0	\$ 325.00	\$ 650.00
Katherine Hee	12/05/19	(2.0) Continued, as of 12/5, creating program schedule to track progress toward successful 2020 launch date;	2.0	\$ 275.00	\$ 550.00
Katherine Hee	12/05/19	(2.0) IT meeting to discuss the Electric Distribution detailed inspections program application sprint plan and the current inspection checklist;	2.0	\$ 275.00	\$ 550.00
Katherine Hee	12/05/19	(2.5) Created program overview update for the 2020 Inspections program for Executive update meeting;	2.5	\$ 275.00	\$ 687.50
Gaurav Thapan-Raina	12/05/19	(1.5) Meeting with B. Wong (PG&E) and F.Farzan (PG&E) to discuss preliminary outputs of the seismic risk scenario analysis on substations across PG&E's service territory as well as strategies for performing analysis on distribution and transmission circuit miles at risk from earthquakes.	1.5	\$ 400.00	\$ 600.00
Katherine Hee	12/05/19	(1.5) Updated program overview update for 2020 Inspections program for Executive update meeting for clearer data presentation based on feedback received	1.5	\$ 275.00	\$ 412.50
Matthew Bowser	12/05/19	Attend 2020 work planning 12/5 update and coordination meeting led by T. Mintzer and J. Mathieson (PG&E)	1.5	\$ 400.00	\$ 600.00
Will Brennan	12/05/19	(1.5) Meeting with Y. Oum (PG&E) regarding the DE consequences workbook and next steps to update it as of 12/5;	1.5	\$ 325.00	\$ 487.50
Matthew Bowser	12/05/19	Attend 2020 Detailed work planning all-hands meeting led by A. Abranches (PG&E) to discuss weekly progress, roadblocks and next steps.	1.1	\$ 400.00	\$ 440.00
Garrett Lodewyck	12/05/19	Quality control review related to GIS analysis - met with J. White, J. Gonzalez (KPMG) to discuss revised findings and next steps.	1.0	\$ 435.00	\$ 435.00
Gaurav Thapan-Raina	12/05/19	(1.5) Continued, as of 12/5, revising system-wide blackout incidents based on confirmations received from R. Robinson, P. Mackey (PG&E) on excluding 14 incidents from the OE-417 incident reporting dataset.	1.5	\$ 400.00	\$ 600.00
Matthew Bowser	12/05/19	Attend 12/5 2020 inspections planning huddle call led by J. Birch (PG&E)	1.0	\$ 400.00	\$ 400.00
Dennis Cha	12/05/19	0.9 Developed preliminary Alteryx workflow for the distribution detailed inspection selection per request from J. Birch (PG&E).	0.9	\$ 275.00	\$ 247.50

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Name	Date	Description	Hours	Rate	Amount
Will Brennan	12/05/19	(0.6) Communication with B. Wong (PG&E) to update regarding the transmission underground bowtie.	0.6	\$ 325.00	\$ 195.00
Juan Gonzalez III	12/05/19	Subject: AMS Task 5 Oversight Quality Control Review. Attendees: Juan Gonzalez III (KPMG)	0.5	\$ 500.00	\$ 250.00
Katherine Hee	12/05/19	(0.5) 2020 Inspection Program PMO touch base with M. Bowser, T. DeGrande, K. Hee (KPMG), J. Birch, S. Foster, K. Munson, S. Urizar, W. Shaw (PG&E) to review progress as of 12/5 and workweek accomplishment schedule;	0.5	\$ 275.00	\$ 137.50
Reid Tucker	12/05/19	(0.5) Partner review of task 2 deliverables as of 12/5	0.5	\$ 500.00	\$ 250.00
Will Brennan	12/05/19	(0.5) Communication via email with B. Wong (PG&E) as to what classifies a Major Event Day (MED) for PG&E;	0.5	\$ 325.00	\$ 162.50
Matthew Bowser	12/05/19	Coordination call with W. Shaw (PG&E) to review and align on learning academy involvement across Transmission and Distribution inspector 2020 training.	0.4	\$ 400.00	\$ 160.00
Taylor DeGrande	12/06/19	0.5 Prepared agenda / discussion points for 12/6 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 1.0 Follow-up discussion with A.Morabe (PG&E) on the technology scope for the 2020 work plan to develop the minimal viable product aligned with System Inspection 3/1 milestone.; 0.5 AMS Task 2 weekly internal coordination with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and K.Hee (KPMG) to align on the current status, progress, and risks/challenges for the EC Optimization Program / Pole Integrity Assessment support, the Distribution Asset Management support, and the 2020 inspection Planning support.; 2.0 Continue work on incorporate pull-planning schedule workshop activities into master program schedule in MS project.;	5.0	\$ 325.00	\$ 1,625.00
Katherine Hee	12/06/19	(3.9) Transferred the pull planning schedule workshop post-it schedule board to a digital schedule including dependencies for completion and real time tracking;	3.9	\$ 275.00	\$ 1,072.50
Katherine Hee	12/06/19	(3.8) Continued, from earlier on 12/6, transitioning the pull planning schedule workshop post-it schedule board to a digital schedule including dependencies for completion and real time tracking;	3.8	\$ 275.00	\$ 1,045.00
Will Brennan	12/06/19	(3.7) Updated the bowtie master deck with controls and mitigations, as of 12/6, as requested by D. Pant (PG&E);	3.7	\$ 325.00	\$ 1,202.50
Will Brennan	12/06/19	(3.3) Updated the bowtie master deck, as of 12/6 with driver and subdrivers for H. Mejjaty (PG&E);	3.3	\$ 325.00	\$ 1,072.50

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	12/06/19	Updated documentation of all bowtie work performed in support of PG&E to date; specifically outlined data sources utilized, PG&E stakeholders with whom communication took place in preparation for the bowties, analysis methodology and resulting outputs, documentation for system-wide bowtie analysis (2.0) and drafted initial draft for seismic risk analysis as well as status updates for work performed for updating input assumptions to the Risk Spend Efficiency (RSE) score calculations as part of the WMP Chapter 3 preparation (1.2)	3.2	\$ 400.00	\$ 1,280.00
Dennis Cha	12/06/19	3.0 Conducted data analysis on circuit-platmap differences categorized by HFTD for discussion with J. Birch (PG&E).	3.0	\$ 275.00	\$ 825.00
Dennis Cha	12/06/19	2.5 Perform updates based on discussion with J. Birch (PG&E) and M. Bowser (KPMG) on scope and data fields to be added on the output.	2.5	\$ 275.00	\$ 687.50
Farbod Farzan	12/06/19	(2.5) Continue, as of 12/6, preparing the Electric Incident Report in order to add driver and sub-drivers for media and property damage incident types and compare them to driver/sub-drivers in risk registers requested by Hicham Mejjaty (PG&E).	2.5	\$ 325.00	\$ 812.50
Gaurav Thapan-Raina	12/06/19	(2.3) Continued, as of 12/6, conducting research on reliability impacts of system-wide blackouts for the Southwest blackout of 2011 as well as system-wide outages caused by Hurricane Irma in 2017 in Florida impacting customers of a similar magnitude, concurrently preparing draft output of research describing reliability data outputs/ supporting commentary.	2.3	\$ 400.00	\$ 920.00
Arun Mani	12/06/19	Review of deliverables in preparation for meeting with PG&E	2.0	\$ 500.00	\$ 1,000.00
Matthew Bowser	12/06/19	Attend 2020 work planning 12/6 update and coordination meeting led by T. Mintzer and J. Mathieson (PG&E)	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/06/19	Finalize 2020 Leadership update slides as requested by R. Movafagh (PG&E) for meeting on 12/9.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/06/19	Manager review of analysis developed by D. Cha (KPMG) for creation of unique Circuit-Plat groups with asset counts and other prioritization data for inspection work planning.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/06/19	Manager review of tableau dashboard developed by D. Cha to visualize asset-level components included in 2020 inspection asset scoping / work plan.	2.0	\$ 400.00	\$ 800.00
Farbod Farzan	12/06/19	(1.8) Preparing the electric operation risk bowtie deck requested by D. Pant (PG&E)	1.8	\$ 325.00	\$ 585.00
Will Brennan	12/06/19	(1.8) Updated DE bowtie consequence workbook, as of 12/6, to be shared with Y. Oum, B. Wong (PG&E).	1.8	\$ 325.00	\$ 585.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/06/19	Working session with J. Birch (PG&E) to develop revised inspection scoping process based on unique circuit-plats of assets.	1.5	\$ 400.00	\$ 600.00
Gaurav Thapan-Raina	12/06/19	(1.3) Continued, as of 12/6, conducting research on reliability impacts of system-wide blackouts for the Southwest blackout of 2011 impacting 7 million customers as well as system-wide outages caused by Hurricane Irma in 2017 in Florida impacting customers of a similar magnitude, concurrently preparing draft output of research describing reliability data outputs and supporting commentary.	1.3	\$ 400.00	\$ 520.00
Matthew Bowser	12/06/19	Attend 2020 Detailed Planning data quality meeting led by A. Quiram, T.Mintzer (PG&E).	1.2	\$ 400.00	\$ 480.00
Farbod Farzan	12/06/19	(1.0) Preparing report for summary and findings of electric incident report study requested by Hicham Mejjaty (PG&E)	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/06/19	(1.0) Prepping Electric Incident report dataset in order to identify possible incidents that are labeled as third party injury where the cause if the injury was PG&E equipment failure requested by D. Pant (PG&E)	1.0	\$ 325.00	\$ 325.00
Gaurav Thapan-Raina	12/06/19	(0.7) Continued, as of 12/6, reviewing, concurrently updating documentation of all bowtie work performed in support of PG&E to date. The documentation outlines data sources utilized, PG&E stakeholders with whom communication took place in preparation for the bowties, analysis methodology and resulting outputs.	0.7	\$ 400.00	\$ 280.00
Dennis Cha	12/06/19	0.5 AMS Task 2 12/6 alignment with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, K.Hee (KPMG) to align on the current status, progress, and risks/challenges for the EC Optimization Program / Pole Integrity Assessment support, the Distribution Asset Management support, and the 2020 inspection Planning support.	0.5	\$ 275.00	\$ 137.50
Farbod Farzan	12/06/19	(0.5) Call with D. Pant (PG&E) to discuss third party incidents in electric incident report database.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/06/19	(0.5) Call with M. Broida, G. Thapan-Raina, W. Brennan (KPMG) regarding bowtie project status as of 12/6 and updates	0.5	\$ 325.00	\$ 162.50
Gaurav Thapan-Raina	12/06/19	(0.5) Call with M. Broida, F. Farzan, W. Brennan (KPMG) regarding bowtie project status as of 12/6 and updates	0.5	\$ 400.00	\$ 200.00
Matt Broida	12/06/19	(0.5) Bowtie workstream status meeting as of 12/6: W. Brenner, G. Thapan-Raina, F. Farzan (KPMG) in order to provide PG&E update regarding same.	0.5	\$ 435.00	\$ 217.50
Will Brennan	12/06/19	(0.5) Call with D. Pant (PG&E) regarding updating the bowtie master deck with controls;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/06/19	(0.5) Call with D. Pant (PG&E) and P. Mackey (PG&E) regarding controls and mitigations in for the bowtie project;	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
Will Brennan	12/06/19	(0.5) Call with M. Broida, G. Thapan-Raina, F. Farzan (KPMG) regarding bowtie project status as of 12/6 and updates	0.5	\$ 325.00	\$ 162.50
Katherine Hee	12/06/19	(0.3) AMS Task 2 alignment with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and K.Hee (KPMG) regarding the current status, progress, and risks/challenges for the EC Optimization Program / Pole Integrity Assessment support, the Distribution Asset Management support, and the 2020 inspection Planning support as of 12/6.	0.3	\$ 275.00	\$ 82.50
Dennis Cha	12/07/19	2.5 Updated data analysis workflow on inspection candidate analysis asset list.	2.5	\$ 275.00	\$ 687.50
Dennis Cha	12/07/19	2.0 Continued, as of 12/7, data analysis on inspection candidate analysis asset list including circuit ranking, block ID, EC notification, functional location, CPUC due date, etc.	2.0	\$ 275.00	\$ 550.00
Dennis Cha	12/07/19	1.5 Discussed progress of the data analysis as of 12/7 with J. Birch (PG&E).	1.5	\$ 275.00	\$ 412.50
Dennis Cha	12/08/19	2.5 Updates preliminary analysis of inspection candidate asset analysis for J. Birch (PG&E)	2.5	\$ 275.00	\$ 687.50
Dennis Cha	12/08/19	2.0 Continued ,as of 12/8, to perform data analysis on inspection candidate analysis asset list including circuit ranking, block ID, EC notification, functional location, CPUC due date, etc.	2.0	\$ 275.00	\$ 550.00
Dennis Cha	12/08/19	1.5 Reviewed preliminary data output with J. Birch (PG&E)	1.5	\$ 275.00	\$ 412.50
Katherine Hee	12/09/19	(1.2) Updated huddle board along with action items to track new information brought to team during 12/9 huddle call; (3.3) Updated the 2020 program schedule per request from the Academy (PG&E) to incorporate language specific to program training; (2.7) Began reviewing Transmission detailed inspection questionnaire and 500kV form for checklist alignment to governance files:	7.2	\$ 275.00	\$ 1,980.00
Taylor DeGrande	12/09/19	3.0 Continue, as of 12/9, to develop optimization workflow slides and content after workshop for J. Yang's (PG&E) presentation on 12/10 on an overview of new optimization process and tool.; 3.0 Reviewed and updated integrated program inspection planning master schedule from edits made by K.Hee (KPMG) and information from program stakeholders.;	6.0	\$ 325.00	\$ 1,950.00

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Name	Date	Description	Hours	Rate	Amount
Will Brennan	12/09/19	(0.5) Meeting with G. Thapan-Raina, F. Farzan, W. Brennan (KPMG) regarding project status as of 12/9 and developments; (0.3) Updated project status deck for G. Thapan-Raina (KPMG); (1.0) Created priority task list deck for G. Thapan-Raina (KPMG) to be shared with D. Pant (PG&E); (0.5) Meeting with S. Vanukuri (PG&E) regarding updating DER bowtie workbook and incorporation of latest information; (0.5) Meeting with S. Holder (PG&E) regarding the Recloser Blocking Risk Score Efficiency; (3.0) Updated Master Deck, as of 12/9, for D. Pant (PG&E) with updated bowtie information and relevant links	5.8	\$ 325.00	\$ 1,885.00
Matt Broida	12/09/19	(2.0) Director review, as of 12/9, of AMS reporting documentation; (0.5) Bowtie status discussion with G. Thapan-Raina (KPMG); (1.7) Review / respond to D. Pant (PG&E) for shifting of funds between tasks to support bowtie efforts; (0.2) Follow-up with M. Esguerra (PG&E) on Vegetation Management Milestone 1	4.4	\$ 435.00	\$ 1,914.00
Taylor DeGrande	12/09/19	0.5 Prepared agenda / discussion points for daily huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 2.5 Brainstorm content and developed slides J.Yan (PG&E), J. Birch (PG&E)m and to document optimization workflow.;	4.0	\$ 325.00	\$ 1,300.00
Dennis Cha	12/09/19	3.2 Analyzed asset ID to block ID list per request from J. Birch (PG&E)	3.2	\$ 275.00	\$ 880.00
Farbod Farzan	12/09/19	(3.0) Update electric incident reporting dataset in order to categorize employee and contractor safety incidents.	3.0	\$ 325.00	\$ 975.00
Gaurav Thapan-Raina	12/09/19	(3.0) Analyzed additional data on Task 2 events and light duty steel poles as part of risk score analyses required for the WMP; specifically reviewed Task 2 reports prepared by PG&E (filed with the California Public Utilities Commission (CPUC)) to determine the number of potential GNT hazards that had been mitigated and that would subsequently inform the input assumptions to the risk model being developed.	3.0	\$ 400.00	\$ 1,200.00
Gaurav Thapan-Raina	12/09/19	(2.6) Conducted analysis of US Forestry Service (USFS) Fire Occurrence Data (FOD) from 1992 to 2007 along with a subset of those fires that occurred in HFTDs in order to update the assumptions to the Task 2 model (involved cleaning / preprocessing the data as well as incorporating it into the DE datasets that PG&E provided).	2.6	\$ 400.00	\$ 1,040.00
Dennis Cha	12/09/19	2.3 Began drafting transmission inspection asset selection Alteryx process workflow.	2.3	\$ 275.00	\$ 632.50

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Name	Date	Description	Hours	Rate	Amount
Dennis Cha	12/09/19	2.0 Reviewed 2020 transmission patrol and inspection plan updates / call outs per request from S. Urizar (PG&E)	2.0	\$ 275.00	\$ 550.00
Matthew Bowser	12/09/19	Develop updated leadership status based on feedback from J. Birch and R. Movafagh (PG&E)	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/09/19	Discuss feedback from PG&E 2020 leadership meeting with S. Stoddard (KPMG)	1.5	\$ 400.00	\$ 600.00
Dennis Cha	12/09/19	1.5 Discussed current most transmission data and reviewed data fields with M. Sakamoto and J. Birch (PG&E)	1.5	\$ 275.00	\$ 412.50
Dennis Cha	12/09/19	1.5 Discussed transmission line data and initial steps for selecting inspections with S. Urizar (PG&E)	1.5	\$ 275.00	\$ 412.50
Dennis Cha	12/09/19	1.5 Reviewed internal inspector resources by division for distribution operations with S. Urizar (PG&E)	1.5	\$ 275.00	\$ 412.50
Farbod Farzan	12/09/19	(1.5) Revising the Electric operation master deck as requested by D. Pant (PG&E)	1.5	\$ 325.00	\$ 487.50
Scott Stoddard	12/09/19	Discuss feedback from PG&E 2020 leadership meeting with M. Bowser (KPMG)	1.5	\$ 435.00	\$ 652.50
Matthew Bowser	12/09/19	Attend 2020 Detailed Planning huddle 12/9 update led by T. Mintzer, A. Abranches, and J. Mathieson (PG&E) to discuss updates, challenges, and next steps	1.5	\$ 400.00	\$ 600.00
Farbod Farzan	12/09/19	(1.0) Call with D. Pant (PG&E) in order to prepare for substation RAMP 2020 Review call	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/09/19	(1.0) Call with M. Esguerra, R. Bartley, R. Benefiel, A. Mehari, H. Mejjaty and D. Pant (PG&E) for review of substation bowtie for RAMP 2020	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/09/19	(1.0) Call with Y. Chong (PG&E) regarding electric incident reporting dataset categorization.	1.0	\$ 325.00	\$ 325.00
Garrett Lodewyck	12/09/19	Quality control review related to GIS analysis – performed comparison of original model results, quality control model results, and model results as re-performed by original model developer.	1.0	\$ 435.00	\$ 435.00
Gaurav Thapan-Raina	12/09/19	(1.0) Conducted analysis of US Forestry Service (USFS) Fire Occurrence Data (FOD) from 1992 to 2007 along with a subset of those fires that occurred in HFTDs in order to update the assumptions to the Task 2 model.	1.0	\$ 400.00	\$ 400.00
Reid Tucker	12/09/19	(1.0) Partner review, as of 12/9, of task 2 deliverables	1.0	\$ 500.00	\$ 500.00
Scott Stoddard	12/09/19	.5 - Discussion with M. Bowser (KPMG) regarding Task 2 2020 extension; .5 - Alignment discussion with M. Esquerra (PG&E) Task 2 project sponsor	1.0	\$ 435.00	\$ 435.00
Gaurav Thapan-Raina	12/09/19	(0.9) Analyzed additional data on Task 2 events and light duty steel poles as part of risk score analyses required for the WMP.	0.9	\$ 400.00	\$ 360.00
Katherine Hee	12/09/19	(0.8) Attend 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps as of 12/ 9 with M. Bowser, T. DeGrande (KPMG);	0.8	\$ 275.00	\$ 220.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/09/19	Attend 2020 Inspection Planning huddle 12/9 update led by J. Birch (PG&E) to discuss updates, challenges, and next steps	0.8	\$ 400.00	\$ 320.00
Farbod Farzan	12/09/19	(0.5) Meeting with G. Thapan-Raina, W. Brennan (KPMG) regarding project status as of 12/9 and developments	0.5	\$ 325.00	\$ 162.50
Gaurav Thapan-Raina	12/09/19	(0.5) Meeting with F. Farzan, W. Brennan (KPMG) regarding project status as of 12/9 and developments	0.5	\$ 400.00	\$ 200.00
Juan Gonzalez III	12/09/19	Subject: AMS Task 5 Oversight - quality control review of client communication and planned activity. Attendees: Juan Gonzalez III (KPMG).	0.5	\$ 500.00	\$ 250.00
Taylor DeGrande	12/10/19	0.5 Prepared agenda / discussion points for 12/13 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 2.0 Attended morning session of Technology End-to-end demo organized by S.Urizar (PG&E) of the mobile inspection apps in development for Electric Distribution and Electric Transmission to inform the System Inspection organization.; 2.0 Attended afternoon session of Technology End-to-end demo organized by S.Urizar (PG&E) to understand the detailed requirements used to develop the apps and identify any process gaps for future development.;	5.5	\$ 325.00	\$ 1,787.50
Katherine Hee	12/10/19	(3.9) Attended IT Inspect app demo led by C. Madrigal (PG&E) to introduce updated Inspect app to employees and review the new work process in the app; (1.2) Attended process map review meeting led by K. Munson (PG&E) after IT demo with remaining System Inspections stakeholders to review change in current detailed inspection processes;	5.1	\$ 275.00	\$ 1,402.50
Taylor DeGrande	12/10/19	2.5 Converting Inspection questionnaire for the Transmission Switches from the Gap Assessment template provided by the Governance development team (PG&E) to a format for the Technology Digital Catalyst (PG&E) team as requested by J. Birch (PG&E); 1.0 Follow-up with the workstream leads to validate activities incorporated within the master inspection planning program schedule.; 0.5 Communication with L. LoGrande (PG&E) on establishing weekly meetings and to work through any items to help plan for Distribution inspection training.; 0.5 Follow up with E.Pivrotto (PG&E) to discuss coordinating with PG&E academy and aligning their priorities and schedule with inspection PMO.;	4.5	\$ 325.00	\$ 1,462.50
Matthew Bowser	12/10/19	Attend morning session of Digital Catalyst End to End application demo for inspection process led by T. Morabe (PG&E)	3.9	\$ 400.00	\$ 1,560.00

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Alex Esuoso	12/10/19	3.4 Reviewed the extensive workflow within "Inspection Planning Data Processing 191206.yxdb" in Alteryx to ensure completeness and methodology was consistent. This review is needed to ensure the Inspection planning data is thorough so the client is aware of different approaches and methodologies used to get to our conclusion.	3.4	\$ 275.00	\$ 935.00
Gaurav Thapan-Raina	12/10/19	(3.3) Conducted exploratory data analysis of distribution overhead and underground assets most impacted from seismic scenarios (examined the line miles and number of repairs required for each seismic scenario along with computation of key statistical metrics)	3.3	\$ 400.00	\$ 1,320.00
Dennis Cha	12/10/19	3.0 Continued, as of 12/10, preparing the transmission asset selection data workflow.	3.0	\$ 275.00	\$ 825.00
Dennis Cha	12/10/19	2.2 Analyzed, concurrently summarizing latest WSIP EC tag counts per request from T. Fabris (PG&E)	2.2	\$ 275.00	\$ 605.00
Dennis Cha	12/10/19	2.2 Reviewed substation inspection list per request from S. Urizar (PG&E)	2.2	\$ 275.00	\$ 605.00
Gaurav Thapan-Raina	12/10/19	(2.2) Assessed the level of potential damage to power transformers across three seismic scenarios by determining the share of those assets that would remain functional versus those that would be damaged, concurrently determining key substations that would be vulnerable and recommended for further inspection to determine extent of system hardening efforts.	2.2	\$ 400.00	\$ 880.00
Dennis Cha	12/10/19	2.1 Iteratively developed tag prioritization change roadmap slide for 2020 maintenance planning director steering committee update deck.	2.1	\$ 275.00	\$ 577.50
Katherine Hee	12/10/19	(2.1) Continued, from earlier on 12/10, attending IT Inspect app demo led by C. Madrigal (PG&E) to introduce updated Inspect app to employees and review the new work process in the app;	2.1	\$ 275.00	\$ 577.50
Farbod Farzan	12/10/19	(2.0) Updated the documentation of substation / transmission overhead bowties in order to add all supplemental analysis and links to relevant datasets in PG&E SharePoint.	2.0	\$ 325.00	\$ 650.00
Matthew Bowser	12/10/19	Attend afternoon session of Digital Catalyst End to End application demo for inspection process led by T. Morabe (PG&E) Focus on changes made to IT applications and inspection process led by K. Munson and C. Carrig (PG&E).	2.0	\$ 400.00	\$ 800.00
Dennis Cha	12/10/19	1.8 Reviewed/analyzed the transmission asset selection data workflow.	1.8	\$ 275.00	\$ 495.00
Matthew Bowser	12/10/19	Attend 2020 Detailed Planning huddle 12/10 update led by T. Mintzer, A. Abranches, and J. Mathieson (PG&E) to discuss updates, challenges, and next steps	1.6	\$ 400.00	\$ 640.00
Will Brennan	12/10/19	(1.5) Analysis on CalFire DEs and their start dates and locations as requested by Y. Oum (PG&E) and B. Wong (PG&E).	1.5	\$ 325.00	\$ 487.50

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Name	Date	Description	Hours	Rate	Amount
Will Brennan	12/10/19	(1.5)Working with D. Pant (PG&E), updated Master PowerPoint deck by inserting links to the PG&E SharePoint and shared the updated transmission overhead and underground sections ;	1.5	\$ 325.00	\$ 487.50
Alex Esuoso	12/10/19	1.4 Began the creation of a Memorandum template for the purpose of explaining to the client the multitude of Alteryx workflows created for various analysis requested from the client.	1.4	\$ 275.00	\$ 385.00
Gaurav Thapan-Raina	12/10/19	(1.3) Meeting with W. Brennan (KPMG) and B. Wong (PG&E) regarding the Task 2 Risk Score Efficiency methodology.	1.3	\$ 400.00	\$ 520.00
Will Brennan	12/10/19	(1.3) Meeting with G. Thapan-Raina (KPMG) and B. Wong (PG&E) regarding the Task 2 Risk Score Efficiency methodology;	1.3	\$ 325.00	\$ 422.50
Matt Broida	12/10/19	(0.5) Director review of document Bowtie Update-12102019.pptx in preparation to finalize bowtie workstream; (0.5) Bowtie workstream discussion with A. Mani, G. Thapan-Raina, F. Farzan; W. Brenner (KPMG); (0.2) Review of vegetation wind data request from K. Loomis (PG&E), noted data had previously been provided and G. Thapan-Raina (KPMG) resent	1.2	\$ 435.00	\$ 522.00
Farbod Farzan	12/10/19	(1.0) Call with D. Pant (PG&E) in order to prepare for transmission overhead RAMP 2020 Review call	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/10/19	(1.0) Call with N. Bengtsson (PG&E) to walk him through asset family bowties and underlying data requested by D. Pant (PG&E)	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/10/19	(1.0) Meeting with B. Wong, Y. Chong (PG&E) regarding electric incident reporting dataset and categorization of third-party /equipment failure caused incidents.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/10/19	(1.0) Reading Electric incident reporting criteria along with general CPUC rules for accident reporting	1.0	\$ 325.00	\$ 325.00
Matthew Bowser	12/10/19	Attend 2020 Work Plan Optimization workstream kickoff led by J. Yan (PG&E) with J. Mathieson (PG&E)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/10/19	Attend coordination session led by J. Birch and S. Foster (PG&E) to discuss FMP and FDOR transmission inspection process updates with T. Ryan (PG&E)	1.0	\$ 400.00	\$ 400.00
Will Brennan	12/10/19	(1.0) Analysis regarding Risk Score Efficiencies with PG&E SMEs (.5). Follow up with E. Scaief (PG&E) regarding Recloser Blocking RSE methodology (.5)	1.0	\$ 325.00	\$ 325.00
Will Brennan	12/10/19	(1.0) Call with D. Pant (PG&E) regarding 3rd party GNTs in the DE bowtie and the reasons for their decline;	1.0	\$ 325.00	\$ 325.00
Arun Mani	12/10/19	(0.8) Call with F. Farzan, G. Thapan-Raina, W. Brennan (KPMG) regarding risk bowtie project status as of 12/10 and updates.	0.8	\$ 500.00	\$ 400.00

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Name	Date	Description	Hours	Rate	Amount
Arun Mani	12/10/19	(0.8) Call with F. Farzan, G. Thapan-Raina, W. Brennan (KPMG) regarding risk bowtie project status as of 12/10 and updates.	0.8	\$ 500.00	\$ 400.00
Farbod Farzan	12/10/19	(0.8) Call with A. Mani, G. Thapan-Raina, W. Brennan (KPMG) regarding risk bowtie project status as of 12/10 and updates.	0.8	\$ 325.00	\$ 260.00
Gaurav Thapan-Raina	12/10/19	(0.8) Call with A. Mani, F. Farzan, W. Brennan (KPMG) regarding risk bowtie project status as of 12/10 and updates.	0.8	\$ 400.00	\$ 320.00
Katherine Hee	12/10/19	(0.8) Attend 2020 Inspection Planning huddle (12/10) update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG);	0.8	\$ 275.00	\$ 220.00
Matthew Bowser	12/10/19	Attend 2020 Inspection Planning huddle 12/10 update led by J. Birch (PG&E) to discuss updates, challenges, and next steps	0.8	\$ 400.00	\$ 320.00
Will Brennan	12/10/19	(0.8) Call with A. Mani, G. Thapan-Raina, F. Farzan (KPMG) regarding risk bowtie project status as of 12/10 and updates.	0.8	\$ 325.00	\$ 260.00
Alex Esuoso	12/10/19	0.7 Working session with D. Cha (KPMG) to review Alteryx workflow utilized for structure analysis to be transitioned into Memorandum's for the client.	0.7	\$ 275.00	\$ 192.50
Dennis Cha	12/10/19	0.7 Working session with A. Esuoso (KPMG) to review Alteryx workflow utilized for structure analysis to be transitioned into Memorandum's for the client. Overview of the analysis that has been done to date and what PG&E would like to achieve in FY2020 as they plan for conducting a base level of inspections throughout their structures.	0.7	\$ 275.00	\$ 192.50
Alex Esuoso	12/10/19	0.5 Reviewed the extensive workflow within "Inspection Planning Data Processing 191206.yxdb" in Alteryx to ensure completeness and methodology was consistent. This review is needed to ensure the Inspection planning data is thorough so the client is aware of different approaches and methodologies used to get to our conclusion.	0.5	\$ 275.00	\$ 137.50
Farbod Farzan	12/10/19	(0.5) Call with C. Filmer (PG&E) to discuss electric incident reporting dataset and confirm handful of events categorization according to CPUC criteria	0.5	\$ 325.00	\$ 162.50
Garrett Lodewyck	12/10/19	Quality control review related to GIS analysis – documented findings of model comparison along with supporting technical details.	0.5	\$ 435.00	\$ 217.50
Will Brennan	12/10/19	(0.5) Analysis / correspondence with D. Pant (PG&E) regarding 3rd party GNTs and their decline;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/10/19	(0.5) Updated the Risk Score Efficiency document tracker for S. Vanukuri (PG&E);	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	12/10/19	(0.4) Continued, as of 12/10, conducting exploratory data analysis of distribution overhead and underground assets most impacted from seismic scenarios. In particular, examined the line miles and number of repairs required for each seismic scenario along with computation of key statistical metrics; prepared relevant charts to show density distributions of repairs and correlation with respect to line miles impacted, concurrently identifying key distribution feeders that would warrant further inspection.	0.4	\$ 400.00	\$ 160.00
Taylor DeGrande	12/11/19	0.5 Prepared agenda / discussion points for 12/11 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 0.5 Attended initial scoping meeting organized by M. Bowser (KPMG) on behalf of J. Birch (PG&E) to develop scope for mobile application pilot for Transmission and Distribution.; 0.5 Held schedule validation meeting with W. Shaw (PG&E) and K.Hee (KPMG)to review activities incorporated into the master program schedule for the training workstream.; 1.5 Develop summary of pilot planning discussion with K.Hee (KPMG) to distribute to PMO inspection planning team.; 0.5 Held schedule validation meeting with J. Birch(PG&E) and K.Hee (KPMG) to review activities incorporated into the master program schedule for the asset management workstream.; 0.5 Review work plan for Distribution training program with L. LoGrande (PG&E) and K.Hee (KPMG) to help identify action items and formalize the overall work plan.; 1.0 Attended pilot planning following up discussion led by J. Birch (PG&E) with representation from major PMO workstream leads to understand planning efforts required to organize pilot for mobile inspection apps.;	6.0	\$ 325.00	\$ 1,950.00

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Name	Date	Description	Hours	Rate	Amount
Katherine Hee	12/11/19	(0.5) Attended pilot planning call led by J. Birch (PG&E) to discuss need for Inspections pilot using the technology solution and begin outlining pilot logistics and necessities; (0.5) Attended schedule review meeting to follow-up with PG&E Academy team on digitally converted schedule from previous pull planning session week of 12/2; (0.5) Attended schedule review meeting to follow-up with S. Urizar (PG&E) on digitally converted schedule from previous pull planning session week of 12/2; (0.5) Attended schedule validation meeting with J. Birch (PG&E) to identify items, dependencies, and milestones to be tracked by the PMO; (1.0) Attended pilot planning follow-up meeting led by J. Birch (PG&E) to identify goals and expectations for the 2020 Inspection pilot and begin pilot planning; (0.5) Summarized and socialized pilot planning session action items and tentative schedule; (2.2) Updated the huddle board with current information regarding the 2020 Inspections program and socialized daily goals and action items to team;	5.7	\$ 275.00	\$ 1,567.50
Taylor DeGrande	12/11/19	3.0 Incorporate revisions from schedule validation sessions into master inspection planning program schedule.; 1.0 Review training material provided by L. LoGrande (PG&E) and remaining actions items required for training development.;	4.0	\$ 325.00	\$ 1,300.00
Matthew Bowser	12/11/19	Attend 2020 Work Plan execution workstream kickoff led by P. Mitchell-Smith (PG&E) focused on overlap between redundant maintenance efforts and optimization strategy.	3.9	\$ 400.00	\$ 1,560.00
Gaurav Thapan-Raina	12/11/19	(3.4) Prepared correlation analysis to determine relationships between various features of Transmission Underground (TUG) assets and level of zone liquefaction impact, concurrently highlighting the key relationships across features for incorporation into a PowerPoint presentation.	3.4	\$ 400.00	\$ 1,360.00
Will Brennan	12/11/19	(3.3) Perform analysis on the Task 2 RSE through data preparation / cleaning in workbook model;	3.3	\$ 325.00	\$ 1,072.50
Will Brennan	12/11/19	(3.2) Updated Red Flag Warnings across DEs given updated data as of 12/11	3.2	\$ 325.00	\$ 1,040.00
Dennis Cha	12/11/19	3.0 Analysis on breakdown for distribution detailed inspection / safety reassessment counts breakdown by HFTD and Region.	3.0	\$ 275.00	\$ 825.00
Dennis Cha	12/11/19	3.0 Analyzed total distribution inspection counts (concurrently summarizing) for detailed inspection + safety reassessment per request from S.Urizar (PG&E).	3.0	\$ 275.00	\$ 825.00

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Alex Esuoso	12/11/19	2.9 - Reviewed the initial input files in Alteryx for the 2020 Inspection Candidate Asset Preliminary Analysis focusing on completeness, concurrently ensuring the inputs files tie to the our expected output.	2.9	\$ 275.00	\$ 797.50
Alex Esuoso	12/11/19	2.6 - Continued, as of 12/11, the creation of the Memorandum template which will be used to start building out the layout for the 2020 Inspection Candidate Asset Preliminary Analysis Memorandum	2.6	\$ 275.00	\$ 715.00
Gaurav Thapan-Raina	12/11/19	(2.1) Updated the analysis on system-wide blackout by identifying OE-417 events to exclude based on a lower risk profile, utilizing descriptions of each of the 100 plus events for which filings were prepared as well as the filing data.	2.1	\$ 400.00	\$ 840.00
Alex Esuoso	12/11/19	2.0- Creating "2020 distribution inspection planning inspection candidate review 191211" excel file to help explain to client the difference between distribution, substation, and transmission detailed inspections will look like in 2020 and what the demand looks like versus the internal capacity and external contractors on hand.	2.0	\$ 275.00	\$ 550.00
Dennis Cha	12/11/19	2.0 Continued, as of 12/11, preparing distribution detailed inspection and safety reassessment counts breakdown by months.	2.0	\$ 275.00	\$ 550.00
Farbod Farzan	12/11/19	(2.0) Analyzing distribution outage incidents caused by non-PG&E GNTs, concurrently confirming existence of records in the outage datasets.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	12/11/19	(2.0) Continuation, as of 12/11, analysis of the reliability consequences of DE bowtie.	2.0	\$ 325.00	\$ 650.00
Farbod Farzan	12/11/19	(2.0) Updated transmission / substation outages master database in order to add data sources and data links to the metadata tab requested by. D. Pant (PG&E)	2.0	\$ 325.00	\$ 650.00
Alex Esuoso	12/11/19	1.5 - Updated 2020 maintenance planning _ Tag prioritization conversion to illustrate the non-time dependent units in our analysis which takes down how many units to be inspected in 2020	1.5	\$ 275.00	\$ 412.50
Dennis Cha	12/11/19	1.5 Reviewed / revised tag prioritization change roadmap slide for 2020 maintenance planning director steering committee update deck	1.5	\$ 275.00	\$ 412.50
Dennis Cha	12/11/19	1.5 Revised the breakdown for distribution detailed inspection and safety reassessment counts breakdown by HFTD and Region based on comments from M. Bowser (KPMG).	1.5	\$ 275.00	\$ 412.50
Katherine Hee	12/11/19	(1.5) Attend planning sessions for end-to-end UAT testing for next week with digital catalyst, J. Birch, K. Munson (PG&E) with M. Bowser, T. DeGrande (KPMG);	1.5	\$ 275.00	\$ 412.50
Matthew Bowser	12/11/19	Attend 2020 Work Plan execution workstream kickoff afternoon session led by P. Mitchell-Smith (PG&E) focused on overlap between redundant maintenance efforts and optimization strategy.	1.5	\$ 400.00	\$ 600.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/11/19	Attend planning session for end-to-end UAT testing for next week with digital catalyst, J. Birch, and K. Munson (PG&E) with T.DeGrande and K. Hee (KPMG)	1.5	\$ 400.00	\$ 600.00
Will Brennan	12/11/19	(1.5) In order to determine if double-counting amongst various risk bowties, perform analysis of distribution transmission workbooks to analyze the reliability and whether or not they are double-counted amongst various risk bowties;	1.5	\$ 325.00	\$ 487.50
Dennis Cha	12/11/19	1.0 Discussed productivity and unit rates for helicopter and drone inspection with M. Molina (PG&E).	1.0	\$ 275.00	\$ 275.00
Farbod Farzan	12/11/19	(1.0) Meeting with G. Thapan-Raina, W. Brennan (KPMG) regarding Task 2 Risk Score Efficiency Methodology.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/11/19	(1.0) Analysis of restoration cost of outages in substation and transmission overhead and underground	1.0	\$ 325.00	\$ 325.00
Gaurav Thapan-Raina	12/11/19	(1.0) Meeting with F. Farzan, W. Brennan (KPMG) regarding Task 2 Risk Score Efficiency Methodology.	1.0	\$ 400.00	\$ 400.00
Gaurav Thapan-Raina	12/11/19	(1.0) Meeting with Y. Chong (PG&E), W. Brennan (KPMG) regarding the system-wide blackout and reliability consequence methodology.	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/11/19	Attend 2020 Detailed Planning huddle 12/11 update led by T. Mintzer, A. Abranches, and J. Mathieson (PG&E) to discuss updates, challenges, and next steps	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/11/19	Working session with T. DeGrande (KPMG) to review progress to date on integrated Inspections Planning program schedule developed from planning session last week.	1.0	\$ 400.00	\$ 400.00
Will Brennan	12/11/19	(1.0) Meeting with S. Vanukuri, S. Holder (PG&E) regarding the Recloser Blocking RSE ;	1.0	\$ 325.00	\$ 325.00
Will Brennan	12/11/19	(1.0) Meeting with F. Farzan, G. Thapan-Raina (KPMG) regarding Task 2 Risk Score Efficiency Methodology.	1.0	\$ 325.00	\$ 325.00
Will Brennan	12/11/19	(1.0) Meeting with Y. Chong (PG&E), G. Thapan-Raina (KPMG) regarding the system-wide blackout and reliability consequence methodology;	1.0	\$ 325.00	\$ 325.00
Will Brennan	12/11/19	(1.0) Updated word documentation file, as of 12/11, for bowtie project;	1.0	\$ 325.00	\$ 325.00
Katherine Hee	12/11/19	(0.8) Attend 2020 Inspection Planning huddle update led by J. Birch (PG&E) (12/11) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG);	0.8	\$ 275.00	\$ 220.00
Matthew Bowser	12/11/19	Attend 2020 Inspection Planning huddle 12/11 update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with T. DeGrande and K. Hee (KPMG)	0.8	\$ 400.00	\$ 320.00
Matt Broida	12/11/19	(0.5) Vegetation discussion with D. Kida (PG&E); (0.2) Bowtie workstream planning and budget follow-up with D. Pant. and H. Hisham (PG&E)	0.7	\$ 435.00	\$ 304.50

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Farbod Farzan	12/11/19	(0.5) Call with D. Pant (PG&E) in order to discuss modification of tranching methodology for transmission overhead bowtie.	0.5	\$ 325.00	\$ 162.50
Gaurav Thapan-Raina	12/11/19	(0.5) Continued, as of 12/11, preparing correlation analysis to determine relationships between various features of Transmission Underground (TUG) assets and level of zone liquefaction impact. Data cleaning and preprocessing was conducted as a prequel to this analysis. Commentary was prepared to highlight the key relationships across features and incorporated into a PowerPoint presentation.	0.5	\$ 400.00	\$ 200.00
Juan Gonzalez III	12/11/19	Subject: AMS Task 5 Oversight - review and give feedback regarding client communication. Attendees: Juan Gonzalez III (KPMG).	0.5	\$ 500.00	\$ 250.00
Dennis Cha	12/11/19	(0.5) Discuss task 2 analytics and reporting as of 12/11 with R. Tucker (KPMG)	0.5	\$ 275.00	\$ 137.50
Reid Tucker	12/11/19	(0.5) Discuss task 2 analytics and reporting as of 12/11 with D. Cha (KPMG)	0.5	\$ 500.00	\$ 250.00
Taylor DeGrande	12/12/19	1.0 Meeting with E.Pivrotto (PG&E) to discuss coordinating with PG&E academy and aligning their priorities and schedule with inspection PMO.; 0.5 Reviewed Transmission 500kv inspection form with J. Birch (PG&E) based on comments/edit received from Asset Strategy to be incorporated into the questionnaire.; 3.0 Developed slide deck for draft Director steering committee to be reviewed by M. Bowser (KPMG) before client review with J. Birch (PG&E) 1.0 Develop agenda for User Acceptance Testing (UAT) at the request of J. Birch (PG&E) for following weeks field test with Transmission and Distribution inspection teams.; 2.0 incorporate edits to Transmission 500kv inspection form after review with J. Birch (PG&E).;	6.0	\$ 325.00	\$ 1,950.00
Katherine Hee	12/12/19	(4.0) Worked with C. Carrig (PG&E) to update process maps with input from the System Inspections Distribution management team;	4.0	\$ 275.00	\$ 1,100.00

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Name	Date	Description	Hours	Rate	Amount
Taylor DeGrande	12/12/19	0.5 Prepared agenda / discussion points for 12/12 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 0.5 AMS Task 2 weekly internal coordination with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and K.Hee (KPMG) to align on the current status, progress, and risks/challenges for the EC Optimization Program / Pole Integrity Assessment support, the Distribution Asset Management support, and the 2020 inspection Planning support. 0.5 Held schedule validation meeting with K.Munson(PG&E) and K.Hee (KPMG)to review activities incorporated into the master program schedule for the Enterprise Continuous Improvement / Change Management.;	4.0	\$ 325.00	\$ 1,300.00
Farbod Farzan	12/12/19	(3.7) Analyzed STAR program data in order to assess tranching effectiveness of transmission overhead bowtie.	3.7	\$ 325.00	\$ 1,202.50
Dennis Cha	12/12/19	3.4 Developed template for 2020 inspection planning details dashboards across Transmission, Distribution, and Substation.	3.4	\$ 275.00	\$ 935.00
Gaurav Thapan-Raina	12/12/19	(3.4) Per data provided by the PG&E seismic team, analyzed the potential total damage to transmission and distribution assets in terms of line miles affected across three specific seismic scenarios, concurrently preparing commentary on the level of impact resulting from each scenario, also comparing overhead and underground asset damage for transmission and distribution.	3.4	\$ 400.00	\$ 1,360.00
Farbod Farzan	12/12/19	(3.3) Continuation, from earlier on 12/12, analysis of STAR program data and transmission overhead outages in order to assess tranching effectiveness of transmission overhead bowtie.	3.3	\$ 325.00	\$ 1,072.50
Katherine Hee	12/12/19	(0.8) Socialized daily goals and action items per daily huddle call to 2020 Inspections program team; (2.4) Created UAT pilot agenda overview to provide structure and schedule for Inspections pilot;	3.2	\$ 275.00	\$ 880.00
Gaurav Thapan-Raina	12/12/19	(3.0) Assessed liquefaction risk due to a seismic event occurring and its impact on Transmission overhead (TOH) assets (the analysis involved creating spatial maps to plot the location of medium to high risk TOH poles along with material characteristics, concurrently assessing the count of transmission poles by voltage by risk level for both the 'moderate' and 'high' risk categories).	3.0	\$ 400.00	\$ 1,200.00
Will Brennan	12/12/19	(3.0) Analysis on Task 2 RSE model, concurrently updating assumptions / data throughout workbook;	3.0	\$ 325.00	\$ 975.00
Scott Stoddard	12/12/19	Director review of steering group presentation material, concurrently noting comments	2.5	\$ 435.00	\$ 1,087.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/12/19	Develop 2020 inspections planning director update	2.2	\$ 400.00	\$ 880.00
Dennis Cha	12/12/19	2.1 Updated distribution detailed inspection work plan asset counts per request from J. Birch (PG&E)	2.1	\$ 275.00	\$ 577.50
Alex Esuoso	12/12/19	2.0- Created graph to illustrate the findings for Distribution detailed inspection and the demand versus internal and external capacity to take on all inspections.	2.0	\$ 275.00	\$ 550.00
Alex Esuoso	12/12/19	2.0 - Perform 2020 inspection planning database updates to allocate the accurate amount of Tier 0, Tier 0 EC, Tier 2 and Tier 3, and Tier 2/3 EC structures to be inspected in 2020.	2.0	\$ 275.00	\$ 550.00
Dennis Cha	12/12/19	2.0 Working session with M. Bowser (KPMG), S. Urizar (PG&E), and PG&E Business finance to determine work plan and budgets.	2.0	\$ 275.00	\$ 550.00
Dennis Cha	12/12/19	2.0 Working session with M. Bowser (KPMG), D. Corpuz, J. Dayton (PG&E) to determine work plan and budgets.	2.0	\$ 275.00	\$ 550.00
Matthew Bowser	12/12/19	Attend 2020 Detailed work planning updates to visualization (led by D. Sonokoi) and Weekly Progress update (led by A. Abranches)	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/12/19	Working session with D. Cha (KPMG), S. Urizar, and PG&E Business finance to determine work plan and budgets.	2.0	\$ 400.00	\$ 800.00
Alex Esuoso	12/12/19	1.8 - Continued, as of 12/12, 2020 inspection planning database updates to allocate the accurate amount of Tier 0, Tier 0 EC, Tier 2 and Tier 3, and Tier 2/3 EC structures to be inspected in 2020.	1.8	\$ 275.00	\$ 495.00
Matthew Bowser	12/12/19	Attend 2020 Detailed Planning huddle 12/12 update led by T. Mintzer, A. Abranches, and J. Mathieson (PG&E) to discuss updates, challenges, and next steps	1.6	\$ 400.00	\$ 640.00
Farbod Farzan	12/12/19	(1.5) Analysis of reliability consequences in distribution underground network.	1.5	\$ 325.00	\$ 487.50
Scott Stoddard	12/12/19	Continue, from earlier on 12/12, director review of steering group presentation material, concurrently noting comments	1.5	\$ 435.00	\$ 652.50
Will Brennan	12/12/19	(1.5) Analysis regarding avoiding double-counting of reliability across risk bowties;	1.5	\$ 325.00	\$ 487.50
Will Brennan	12/12/19	(1.5) Meeting with S. Vanukuri (PG&E) regarding the Recloser Blocking RSE and potential next steps;	1.5	\$ 325.00	\$ 487.50
Dennis Cha	12/12/19	1.3 Discussed resource planning and unit rates for MAT codes BFA, BFB, BFT, BFX, and BFZ with S. Urizar, D. Corpuz, J. Birch and J. Dayton (PG&E)	1.3	\$ 275.00	\$ 357.50
Alex Esuoso	12/12/19	1.2 - Updated the tag prioritization roadmap based on clients (J. Birch - PG&E) updates to the new approach that will be taken. These PowerPoint slides were updated and sent to back to the client for their review.	1.2	\$ 275.00	\$ 330.00

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	12/12/19	(0.9) Continued, as of 12/12, assessing liquefaction risk due to a seismic event occurring and its impact on Transmission overhead (TOH) assets. The analysis involved creating spatial maps to plot the location of medium to high risk TOH poles along with material characteristics.	0.9	\$ 400.00	\$ 360.00
Katherine Hee	12/12/19	(0.8) Attend 2020 Inspection Planning huddle update led by J. Birch (PG&E) to discuss updates, challenges, next steps as of 12/12 with M. Bowser, T. DeGrande (KPMG);	0.8	\$ 275.00	\$ 220.00
Matthew Bowser	12/12/19	Attend 2020 Inspection Planning huddle 12/12 update led by J. Birch (PG&E) to discuss updates, challenges, and next steps	0.8	\$ 400.00	\$ 320.00
Dennis Cha	12/12/19	0.7 Working session with A. Esuoso (KPMG) to review Alteryx workflow utilized for structure analysis to be transitioned into Memorandum's for the client.	0.7	\$ 275.00	\$ 192.50
Dennis Cha	12/12/19	0.5 Attend AMS Task 2 12/12 meeting with T. DeGrande, A. Esuoso, M. Bowser (KPMG) to discuss progress, challenges, and next steps for PG&E asset Management support.	0.5	\$ 275.00	\$ 137.50
Farbod Farzan	12/12/19	(0.5) Call with M.Sakamoto (PG&E) in order to discuss STAR program and underlying data. This is needed for tranching transmission overhead tranching modification.	0.5	\$ 325.00	\$ 162.50
Matthew Bowser	12/12/19	Attend AMS Task 2 coordination meeting with D. Cha, T. DeGrande, A. Esuoso and M. Bowser to discuss progress, challenges, and next steps for PG&E asset Management support.	0.5	\$ 400.00	\$ 200.00
Farbod Farzan	12/12/19	(0.4) Meeting with W. Brennan, G. Thapan-Raina (KPMG) regarding reliability consequences and where they should be counted amongst the various risk bowties.	0.4	\$ 325.00	\$ 130.00
Gaurav Thapan-Raina	12/12/19	(0.4) Meeting with F. Farzan, W. Brennan (KPMG) regarding reliability consequences and where they should be counted amongst the various risk bowties.	0.4	\$ 400.00	\$ 160.00
Will Brennan	12/12/19	(0.4) Call with M. Broida (PG&E) regarding bowtie project and next steps;	0.4	\$ 325.00	\$ 130.00
Will Brennan	12/12/19	(0.4) Meeting with F. Farzan, G. Thapan-Raina (KPMG) regarding reliability consequences and where they should be counted amongst the various risk bowties;	0.4	\$ 325.00	\$ 130.00
Gaurav Thapan-Raina	12/12/19	(0.3) Call with S. Vanukuri (PG&E), W. Brennan (KPMG) regarding the Task 2 Risk Score Efficiency.	0.3	\$ 400.00	\$ 120.00
Matt Broida	12/12/19	(0.4) Bowtie project update discussion with W. Brennan (KPMG)	0.4	\$ 435.00	\$ 174.00
Will Brennan	12/12/19	(0.3) Call with S. Vanukuri (PG&E), G. Thapan-Raina (KPMG) regarding the Task 2 Risk Score Efficiency.	0.3	\$ 325.00	\$ 97.50

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Name	Date	Description	Hours	Rate	Amount
Katherine Hee	12/13/19	(1.0) Create 2020 work plan breakdown visual for Director update meeting; (1.5) Updated huddle board with latest team announcements and socialized daily updates and action items; (0.8) Attended schedule review meeting to follow-up with Digital Catalyst team regarding digitally converted program schedule resulting from pull planning session week of 12/2; (3.1) Continued updating both the UAT agenda and 2020 program schedule for PMO tracking:	6.4	\$ 275.00	\$ 1,760.00
Taylor DeGrande	12/13/19	0.5 Prepared agenda / discussion points for 12/13 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 1.0 Held schedule validation meeting with A.Morabe, C.Madrigal, C. Kennedy (PG&E) and K.Hee (KPMG) to review activities incorporated into the master program schedule for the Technology workstream.; 1.0 Continued review with J. Birch (PG&E) of Transmission 500kv Inspection form and proposed edits from Asset Strategy.; 1.0 Incorporate edits into the Transmission 500kv inspection questionnaire based on feedback provided by J. Birch (PG&E).; 1.0 Prep for Director Steering Committee meeting including final revisions to presentation material and review talking points with J. Birch (PG&E).;	5.5	\$ 325.00	\$ 1,787.50
Matt Broida	12/13/19	(0.5) Bowtie workstream (12/13)status meeting with W. Brenner, G. Thapan-Raina, F. Farzan (KPMG) in order to provide PG&E update regarding same. ; (3.9) Director review of Task 2, Phase 3 working papers as of 12/13.	4.4	\$ 435.00	\$ 1,914.00
Gaurav Thapan-Raina	12/13/19	(3.9) As part of the seismic impact assessment, analyzed landslide risk and its impact on Transmission overhead (TOH) assets; specifically creating spatial maps to plot the location of medium to high risk TOH poles along with material characteristics, assessing the count of transmission poles by voltage by risk level for both the 'moderate' and 'high' risk categories, concurrently identifying the highest risk lines by voltage category by key locations that were most prone to seismic impact.	3.9	\$ 400.00	\$ 1,560.00
Farbod Farzan	12/13/19	(3.0) Updated the Electric operation master deck to add supplemental analysis for all asset family bowties and links to relevant datasets in PG&E SharePoint.	3.0	\$ 325.00	\$ 975.00
Alex Esuoso	12/13/19	2.9 - Updated the 2020 Inspection Scoping Approach Overview to reflect the demand for Distribution based on the new proposed approach and view that was taken.	2.9	\$ 275.00	\$ 797.50

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Name	Date	Description	Hours	Rate	Amount
Taylor DeGrande	12/13/19	1.5 Develop inspection scoping approach slide for overview of 2020 work plan with potential to incorporate ultrasonic testing and benefit to program schedule with M. Bowser (KPMG).; 1.0 Attended Director Steering Committee meeting led by J. Birch (PG&E) with M. Bowser (KPMG) to provide an update on inspection planning progress and solicit feedback on planning activities.;	2.5	\$ 325.00	\$ 812.50
Matthew Bowser	12/13/19	Manager review of inspection scoping and unit rate data compiled by D. Cha (KPMG) for submission to S. Urizar and business finance for review and finalization.	2.5	\$ 400.00	\$ 1,000.00
Alex Esuoso	12/13/19	2.3 - Updated slide content on "2020 Distribution Inspection Planning 191212.pptx" file; specifically recreated graph and chart content based on updated analysis and amounts	2.3	\$ 275.00	\$ 632.50
Matthew Bowser	12/13/19	Finalize director steering committee update as of 12/13 based on working team feedback.	2.2	\$ 400.00	\$ 880.00
Gaurav Thapan-Raina	12/13/19	(2.1) Conducted an analysis of all electric substation assets that would be impacted by each seismic scenario, concurrently identifying the main locations where assets are most at risk, qualitatively described what the impact of the level of substation damage would have on downstream (distribution) assets.	2.1	\$ 400.00	\$ 840.00
Dennis Cha	12/13/19	0.8 Reviewed Distribution analysis slides with A. Esuoso (KPMG) that need to be updated to present to client (reviewed the source data in excel to be illustrated in charts and graphs as well as the approach that should be taken in order to properly illustrate the 2 options the client could take in FY 2020 in order to inspect all structures required within the fiscal year). 0.5 Developed transmission unit rate / cost worksheet utilizing inputs from J. Dayton and S. Urizar (PG&E). 0.7 Reviewed updated distribution analysis slides from A. Esuoso (PG&E) and provided comments.	2.0	\$ 275.00	\$ 550.00
Farbod Farzan	12/13/19	(2.0) Continuation determining reliability consequences in distribution underground network by identifying listed significant incidents from the outage reports provided by J. Murata.	2.0	\$ 325.00	\$ 650.00
Scott Stoddard	12/13/19	1.0 - Task 2 status update meeting to review progress as of 12/13, next. 1.0 - Attend director PG&E steering group meeting	2.0	\$ 435.00	\$ 870.00
Will Brennan	12/13/19	(2.0) Analysis of the Task 2 RSE and incorporation of outages and GNTs that were catalogued as occurring in HFTD territory;	2.0	\$ 325.00	\$ 650.00
Matthew Bowser	12/13/19	Manager review of 2020 inspections integrated program schedule developed by T. DeGrande (KPMG) based on feedback from core working team this week.	1.8	\$ 400.00	\$ 720.00

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	12/13/19	(1.5) Utilizing historical and forecast load data provided by S.Ellis (PG&E) from a sampling of areas of PG&E's service territory, conducted exploratory data analysis to identify any trends and determine if any peaks or troughs in the data coincided with major event disturbance days.	1.5	\$ 400.00	\$ 600.00
Matthew Bowser	12/13/19	Attend 2020 Detailed Planning huddle 12/13 update led by T. Mintzer, A. Abranches, and J. Mathieson (PG&E) to discuss updates, challenges, and next steps	1.5	\$ 400.00	\$ 600.00
Will Brennan	12/13/19	(1.5) Analyzed data received by E. Scaief (PG&E) regarding the Recloser Blocking RSE;	1.5	\$ 325.00	\$ 487.50
Will Brennan	12/13/19	(1.5) Updated word documentation file on bowtie project as of 12/13	1.5	\$ 325.00	\$ 487.50
Farbod Farzan	12/13/19	(1.0) Continue, as of 12/13, updating documentation of distribution bowties in order to add all supplemental analysis and links to relevant datasets in PG&E SharePoint.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/13/19	(1.0) Continuation, as of 12/13, analysis of STAR program data and transmission overhead outages in order to analyze tranching effectiveness of transmission overhead bowtie.	1.0	\$ 325.00	\$ 325.00
Matthew Bowser	12/13/19	Attend 2020 Inspections Planning director 12/13 update call led by J. Birch (PG&E) with M. Esguerra, A. Abranches, M. Hvistendahl, and J. Singh (PG&E) with T. DeGrande and S. Stoddard (KPMG)	1.0	\$ 400.00	\$ 400.00
Alex Esuoso	12/13/19	0.8 - Met with A. Esuoso (KPMG) to review the Distribution analysis slides that need to be updated to present to client. Reviewed the source data in excel to be illustrated in charts and graphs and reviewed the approach that should be taken in order to properly illustrate the 2 options the client could take in FY 2020 in order to inspect all structures required within the fiscal year.	0.8	\$ 275.00	\$ 220.00
Katherine Hee	12/13/19	(0.8) Attend 2020 Inspection Planning (12/13) huddle update led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser, T. DeGrande (KPMG);	0.8	\$ 275.00	\$ 220.00
Katherine Hee	12/13/19	(0.8) Attend 2020 Inspections Planning director update call led by J. Birch (PG&E) with M. Esguerra, A. Abranches, M. Hvistendahl, and J. Singh (PG&E) with M. Bowser, T. DeGrande, S. Stoddard (KPMG);	0.8	\$ 275.00	\$ 220.00
Matthew Bowser	12/13/19	Attend 2020 Inspection Planning huddle 12/13 update led by J. Birch (PG&E) to discuss updates, challenges, and next steps	0.8	\$ 400.00	\$ 320.00
Will Brennan	12/13/19	(0.7) Analysis (.5) and email correspondence (.2) with Y. Oum (PG&E) regarding the classification of events by Red Flag Warnings.	0.7	\$ 325.00	\$ 227.50
Farbod Farzan	12/13/19	(0.5) Call with D. Pant (PG&E), S. Ellis (PG&E) and G. Reina (KPMG) to discuss reliability consequences in the widespread blackout bowtie.	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	12/13/19	(0.5) Meeting with D. Pant, S.Ellis (PG&E) and F.Farzan (KPMG) to discuss availability of historical load data for a select number of OE-417 incidents in order to determine the impacted load percentage for each incident.	0.5	\$ 400.00	\$ 200.00
Will Brennan	12/13/19	(0.5) Call with B. Wong, Y. Oum, S. Vanukuri (PG&E) regarding the Task 2 RSE and next steps in the methodology;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/13/19	(0.5) Call with S. Vanukuri (PG&E) regarding the Recloser Blocking RSE and proposed methodology;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/13/19	(0.3) Call with B. Wong (PG&E) regarding the Task 2 RSE and clarification of key assumptions in the analysis;	0.3	\$ 325.00	\$ 97.50
Katherine Hee	12/16/19	(0.2) Updated huddle board with up to date information for this week's huddle meeting; (0.8) Attended 2020 Inspection Planning daily huddle updates led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser (KPMG), T. DeGrande (KPMG), and K. Hee (KPMG); (2.5) Created UAT agenda for maintenance plan creation meeting at request of S. Urizar (PG&E); (1.5) Attended meeting led by S. Urizar (PG&E) to review maintenance plan creation process and work assignment OA environment;	5.0	\$ 275.00	\$ 1,375.00
David Sanchez	12/16/19	0.9 Met with M. Bowser (KPMG) to discuss project status and project deliverables; 3.9 Developed deliverable log for Phase 2 and 3, concurrently compiling necessary documents to turn over to client	4.8	\$ 275.00	\$ 1,320.00
Taylor DeGrande	12/16/19	3.0 Document outcome of User Acceptance Testing for creating maintenance plans and follow-up on actions items identified in UAT to prepare for next UAT phase for tomorrow.; 1.5 Prepared for first bi-weekly update of program master schedule to review progress and update activities with each PMO workstream leads.;	4.5	\$ 325.00	\$ 1,462.50
Taylor DeGrande	12/16/19	0.5 Prepared agenda / discussion points for 12/16 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 1.0 Prepare for afternoon User Acceptance Testing (UAT) for creating Maintenance plans /ensuring agenda and goals are established 1.5 Attended UAT hosted by S.Urizar (PG&E), System inspection Asset Strategist, and Digital Catalyst Technology Team.; 0.5 On behalf of J. Birch (PG&E), organized meeting to discuss readiness for Tuesday's UAT.;	4.5	\$ 325.00	\$ 1,462.50
Dennis Cha	12/16/19	3.9 Assembled the latest distribution EC tag data by coordinating with R. Papa (PG&E) also analyzing the changes from previous reporting.	3.9	\$ 275.00	\$ 1,072.50

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	12/16/19	(3.3) Documented clear guidelines for calculating risk estimates along with updating all figures calculated for the previous year's Risk Assessment and Mitigation Phase (RAMP) RAMP filing for each of the data files for the DE Safety Program team.	3.3	\$ 400.00	\$ 1,320.00
Alex Esuoso	12/16/19	Updated the visual representation for Distribution (specifically option 1 (100/33/20 of Tier 3, Tier 2, and Tier 1 respectively), option 2 (20/20/20 of Tier 3, Tier 2, and Tier 1 respectively)) to reflect updated approach / path from the prior week (amounts and aspect has shifted so analysis has been illustrated differently)	3.2	\$ 275.00	\$ 880.00
Farbod Farzan	12/16/19	(3.2) Updated the electric operation master deck; specifically (Topic: PG&E Risk Bowtie Summaries – Update to Leadership) – Addition of Record types, data and process gaps, and supplemental analysis for all electric operation risk bowties.	3.2	\$ 325.00	\$ 1,040.00
Gaurav Thapan-Raina	12/16/19	(3.2) Completed report on seismic risk assessment summarizing key findings and compiling the supporting analysis (specifically conducted final proofread and formatting of the presentation, identified main data gaps, next steps, repaired summary of key findings, cross-checked data sources leveraged for the analysis to ensure accuracy of results and conclusions).	3.2	\$ 400.00	\$ 1,280.00
Matt Broida	12/16/19	(3.2) Final 2019 director review of bowtie working paper documentation along with supporting deliverables;	3.2	\$ 435.00	\$ 1,392.00
Katherine Hee	12/16/19	(0.5) Attended meeting to de-brief UAT maintenance plan creation meeting and finalize plan for UAT with T. DeGrande; (2.5) Updated daily UAT agenda with information collected from meeting and pluses and deltas for remainder of weeks UAT activities;	3.0	\$ 275.00	\$ 825.00
Scott Stoddard	12/16/19	1.5 - Perform director level review of updated daily inspections PMO huddle board daily agenda after review by M. Bowser (KPMG); 1.5 -Communicate with team regarding direction received, as of 12/16, from J. Birch (PG&E)	3.0	\$ 435.00	\$ 1,305.00
Will Brennan	12/16/19	(2.5) Updated the DE bowtie by matching PG&E GNTs to potential DE incidents to provide to Y. Oum, B. Wong (PG&E);	2.5	\$ 325.00	\$ 812.50
Alex Esuoso	12/16/19	Updated the 2020 Transmission Line Inspections deck; specifically structures by Tiers 3, 2, 1 and Z1 table for the client.	2.4	\$ 275.00	\$ 660.00
Alex Esuoso	12/16/19	Updated the 2020 Inspection Planning slide deck per the request of the client. Specifically updated all summary by HFTD tables and charts. Updated graphics that demonstrate the total detailed inspections Venn Diagram and which Tiers interlap with one another.	2.4	\$ 275.00	\$ 660.00

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	12/16/19	(2.3) Continuation, as of 12/16, preparing the electric operation master deck (Topic: PG&E Risk Bowtie Summaries – Update to Leadership) – Addition of Record types, data and process gaps, and supplemental analysis for all electric operation risk bowties.	2.3	\$ 325.00	\$ 747.50
Dennis Cha	12/16/19	2.1 Continued, as of 12/16, developing the inspection planning slides, slide 2-15, focusing on the templating the deck.	2.1	\$ 275.00	\$ 577.50
Farbod Farzan	12/16/19	(2.0) Revising distribution underground network risk input sheet according to the latest tranching for delivery of the final input sheet to enterprise risk group.	2.0	\$ 325.00	\$ 650.00
Matt Broida	12/16/19	(2.0) Update AMS budgeting / reporting as of 12/16 for communication to client	2.0	\$ 435.00	\$ 870.00
Matthew Bowser	12/16/19	Attend Engage Application UAT session led by S. Urizar (PG&E) to observe live demonstration of maintenance planning process	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/16/19	Working session with S. Urizar and J. Birch (PG&E) to plan agenda for tomorrow's UAT session targeted to schedule inspections in new Engage Applications.	2.0	\$ 400.00	\$ 800.00
Will Brennan	12/16/19	(2.0) Updated the master deck, as of 12/16, with the relevant DE information for F. Farzan (KPMG) and D. Pant (PG&E);	2.0	\$ 325.00	\$ 650.00
Matthew Bowser	12/16/19	Manager review of agenda / weekly plan for engage and inspect application UAT sessions developed by K. Hee (KPMG) prior to transmittal to PG&E.	1.8	\$ 400.00	\$ 720.00
Matthew Bowser	12/16/19	Attend 12/16 huddle call led by J. Birch and T. Mintzer (PG&E) relative to 2020 detailed work planning and detailed inspection planning for coordination across workstream teams relative to progress, challenges and next steps.	1.5	\$ 400.00	\$ 600.00
Will Brennan	12/16/19	(1.5) Correspondence with D. Pant (PG&E) regarding priority items for the week to be accomplished for the risk bowtie project;	1.5	\$ 325.00	\$ 487.50
Dennis Cha	12/16/19	1.3 Reviewed resource counts for distribution overhead patrol and inspection for applicability and differences from previous version.	1.3	\$ 275.00	\$ 357.50
Matthew Bowser	12/16/19	Update Daily Inspections PMO huddle board format and contents at the request of J. Birch to align to revised huddle meeting agenda.	1.2	\$ 400.00	\$ 480.00
Arun Mani	12/16/19	Principal review of seismic bowtie material prepared by G. Thapan-Raina (KPMG)	1.0	\$ 500.00	\$ 500.00
Dennis Cha	12/16/19	1.0 Working session with D. Cha, M. Bowser (KPMG) to discuss AMS Task 2 weekly activities, deliverables, risks and challenges as of 12/16 relative to EC Optimization Program Project Management Office and other Task 2 activities.	1.0	\$ 275.00	\$ 275.00
Farbod Farzan	12/16/19	(1.0) Continuation, as of 12/16, analysis of STAR program data and transmission overhead outages in order to analyze tranching effectiveness of transmission overhead bowtie.	1.0	\$ 325.00	\$ 325.00

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Asset Management Services

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/16/19	Attend TD-8123s document review session led by A. Beech (PGE&) with S. Foster (PG&E) for providing Legal and Compliance department feedback on new governance documents.	1.0	\$ 400.00	\$ 400.00
Will Brennan	12/16/19	(1.0) Updated the PG&E SharePoint site with the latest documents, as of 12/16, concurrently reorganizing for easier future use;	1.0	\$ 325.00	\$ 325.00
Dennis Cha	12/16/19	0.7 Reviewed Task 2 mitigation plan workpaper documentation as of 12/16	0.7	\$ 275.00	\$ 192.50
Gaurav Thapan-Raina	12/16/19	(0.6) Continued, as of 12/16, drafting report on seismic risk assessment summarizing key findings, concurrently compiling the supporting analysis.	0.6	\$ 400.00	\$ 240.00
Arun Mani	12/16/19	(0.5) Call with F. Farzan (KPMG) to discuss the status of the project as of 12/16 and review the progress and outstanding items.	0.5	\$ 500.00	\$ 250.00
Farbod Farzan	12/16/19	(0.5) Call with A. Mani (KPMG) to report the status of the project as of 12/16 and review the progress and outstanding items.	0.5	\$ 325.00	\$ 162.50
Matt Broida	12/16/19	(0.5) Communication with G. Thapan-Raina (KPMG) regarding plan to finalize 2019 PG&E support with bowties	0.5	\$ 435.00	\$ 217.50
Will Brennan	12/16/19	(0.5) Communicate via email with KPMG team, D. Pant, H. Mejjaty (PG&E) regarding the potential additions of DEs to the DE bowtie data set.	0.5	\$ 325.00	\$ 162.50
Gaurav Thapan-Raina	12/16/19	(0.4) Continued, as of 12/16, identifying, concurrently uploading key data files to the PG&E SharePoint system.	0.4	\$ 400.00	\$ 160.00
Matt Broida	12/16/19	(0.3) Draft response to D. Pant (PG&E) inquiry on bowtie project support;	0.3	\$ 435.00	\$ 130.50
Katherine Hee	12/17/19	(0.8) Attended 2020 Inspection Planning daily huddle updates led by J. Birch (PG&E) to discuss updates, challenges, and next steps with M. Bowser (KPMG), T. DeGrande (KPMG), and K. Hee (KPMG); (2.0) Updated huddle board with daily announcements from team and outlined action items for the day; (3.0) Attended meeting led by S. Urizar (PG&E) to train supervisors in new methodology for work assignment using the Engage application;	5.7	\$ 275.00	\$ 1,567.50
Taylor DeGrande	12/17/19	0.5 Prepared agenda / discussion points for 12/17 huddle meeting led by J. Birch (PG&E) ; 1.0 Attended Huddle meeting led by J. Birch (PG&E) to discuss 2020 Patrols and Inspections planning efforts with M. Bowser, T.DeGrande, and K.Hee (KPMG).; 3.0 Attended UAT hosted by S.Urizar (PG&E) to review process for Supervisors to assign work to inspectors within Engage with Supervisors D. Bales (PG&E), D. Furtado (PG&E), and Digital Catalyst Technology team.	4.5	\$ 325.00	\$ 1,462.50

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Name	Date	Description	Hours	Rate	Amount
David Sanchez	12/17/19	0.3 Updated deliverable log for Phase 3 of PG&E in order to determine status of workpaper documentation to close out project; 3.9 Developed presentation for PG&E 2020 planning on distribution and transmission by creating data visualizations and execution workflow methodologies;	4.2	\$ 275.00	\$ 1,155.00
Alex Esuoso	12/17/19	Illustrate Inspection Planning analysis in a different perspective per the clients request (differentiated between base and ad-hoc structures and which Tier they respectively belonged to, measuring this against the demand and capacity of inspectors PG&E have on had).	3.7	\$ 275.00	\$ 1,017.50
Matthew Bowser	12/17/19	Attend morning session of Engage Application user acceptance training led by S. Urizar (PG&E) to demonstrate supervisor scheduling of inspections.	3.5	\$ 400.00	\$ 1,400.00
Taylor DeGrande	12/17/19	2.0 Hosted bi-weekly schedule review on behalf of J. Birch (PG&E) to status activities that occurred over the last two weeks and discuss upcoming activities with PMO workstream leads.; 1.5 Prepare for Wednesday's UAT with Distribution compliance inspection team including reviewing agenda and coordinating with Technology team to ensure mobile application access for meeting participants.;	3.5	\$ 325.00	\$ 1,137.50
Farbod Farzan	12/17/19	(3.4) Continued, as of 12/17, updating the electric operation master deck (Topic: PG&E Risk Bowtie Summaries – Update to Leadership) – Addition of Record types, data and process gaps, and supplemental analysis for all electric operation risk bowties	3.4	\$ 325.00	\$ 1,105.00
Dennis Cha	12/17/19	3.2 Drafted 2020 distribution maintenance circuit based plan (for business finance) through building Alteryx workflow and testing temporary output in Excel.	3.2	\$ 275.00	\$ 880.00
Will Brennan	12/17/19	(3.0) Aggregated the relevant controls for transmission overhead into one workbook for review by the transmission overhead team to provide to D. Pant (PG&E)	3.0	\$ 325.00	\$ 975.00
Alex Esuoso	12/17/19	(1.8) Reviewed the output file from the Alteryx workflow in file "Inspection Planning Data Processing 191206.yxdb" to confirm no data was dropped off during the analysis. (1.0) Checked on Circuit Ranking section to see if the rankings were being pulled in correctly in order to run the Inspection Analysis.	2.8	\$ 275.00	\$ 770.00
Katherine Hee	12/17/19	(2.0) Attended meeting led by J. Birch (PG&E) to discuss next steps for UAT on site visits to Stockton and Madera; (0.8) Updated daily UAT agenda and meeting notes with takeaways from the Engage work assignment UAT;	2.8	\$ 275.00	\$ 770.00

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	12/17/19	(2.6) Continuation, from earlier on 12/17, update of the electric operation master deck (Topic: PG&E Risk Bowtie Summaries – Update to Leadership) – Addition of Record types, data and process gaps, and supplemental analysis for all electric operation risk bowties	2.6	\$ 325.00	\$ 845.00
Alex Esuoso	12/17/19	Updated the Transmission and Substation Inspection methods visuals to better illustrate different approaches that could be taken in order to conduct the inspections for all structures within PG&E	2.5	\$ 275.00	\$ 687.50
Will Brennan	12/17/19	(2.5) Updated the DE bowtie workbook by incorporating the consequence workbook for one complete DE workbook, concurrently cross-checking the data;	2.5	\$ 325.00	\$ 812.50
Dennis Cha	12/17/19	2.2 Reviewed the inspection planning worksheet updated by A. Esuoso (KPMG) for updated loading orders and circuit list.	2.2	\$ 275.00	\$ 605.00
Dennis Cha	12/17/19	2.1 Per request from M. Molina (PG&E), reviewed transmission work plan / forecast, particularly drone and helicopter inspection .	2.1	\$ 275.00	\$ 577.50
Arun Mani	12/17/19	(1.0) Principal review of bow tie status update material: (1.0) Principal review of RAMP model wrap up	2.0	\$ 500.00	\$ 1,000.00
Matthew Bowser	12/17/19	Attend 2020 detailed inspections planning schedule update working session led by T. DeGrande (KPMG) to review schedule progress and activities necessary for 3/1 implementation date.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/17/19	Attend 12/17 huddle call led by J. Birch and T. Mintzer (PG&E) relative to 2020 detailed work planning and detailed inspection planning for coordination across workstream teams relative to progress, challenges and next steps.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	12/17/19	Attend governance update with S. Foster and R. Movafagh (PG&E) to recap feedback from yesterday's meeting with A. Beech and plan next steps for Distribution bulletin.	1.5	\$ 400.00	\$ 600.00
Dennis Cha	12/17/19	1.0 Discussion with A. Esuoso (KPMG) on preliminary draft of inspection planning memo.	1.0	\$ 275.00	\$ 275.00
Farbod Farzan	12/17/19	(1.0) Call with M.Sakomoto, D. Pant, B. Andino (PG&E) to discuss tranching methodology using STAR program outcomes.	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/17/19	(1.0) Call with R.Benefie, R. Bartley, P. Torres (PG&E) for review of substation bowtie and respond to questions (Pre-sign off of the bowtie)	1.0	\$ 325.00	\$ 325.00
Reid Tucker	12/17/19	(1.0) Partner review of task 2 deliverables, status reports and project risks as of 12/17	1.0	\$ 500.00	\$ 500.00
Dennis Cha	12/17/19	0.5 Continued, as of 12/17, drafting 2020 distribution maintenance circuit based plan (for business finance) through building Alteryx workflow and testing temporary output in Excel.	0.5	\$ 275.00	\$ 137.50

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	12/17/19	(0.5) Call with D. Pant (PG&E), S. Vanukuri (PG&E), W. Brennan (KPMG) regarding controls and mitigations	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/17/19	(0.5) Call with P. Mackey, D. Pant, S. Vanukuri (PG&E), W. Brennan (KPMG) regarding controls and mitigations	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/17/19	(0.5) Call with Y. Oum (PG&E), D. Pant (PG&E), W. Brennan (KPMG) regarding the DER bowtie and its consequences.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/17/19	(0.5) Call with D. Pant (PG&E) in order to respond questions with regards to substation risk bowtie and preparation for the call with substation team.	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/17/19	(0.5) Call with D. Pant (PG&E), S. Vanukuri (PG&E), F. Farzan(KPMG) regarding controls and mitigations;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/17/19	(0.5) Call with P. Mackey, D. Pant, S. Vanukuri (PG&E), F. Farzan (KPMG) regarding controls and mitigations;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/17/19	(0.5) Call with S. Vanukuri (PG&E) regarding Risk Score Efficiencies and their current status;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/17/19	(0.5) Call with Y. Oum (PG&E) regarding the DE bowtie and possible approaches;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/17/19	(0.5) Call with Y. Oum (PG&E), D. Pant (PG&E), F. Farzan (KPMG) regarding the DER bowtie and its consequences;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/17/19	(0.5) Email correspondence with S. Gilleran (PG&E) regarding the Task 2 Risk Score Efficiency and potential updates to the workbook;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	12/18/19	3.0 Attended morning session of Distribution UAT with initial overview of changes from previous years and overview of process (partial); 3.0 Attended afternoon session of Distribution UAT with demo on the technology platforms to assign and perform inspections, review of process maps led by Enterprise Continuous Improvement team (partial).; 1.0 Review final preparation for Transmission UAT in Madera on Thursday (12/19) with inspectors field testing mobile	7.0	\$ 325.00	\$ 2,275.00
Taylor DeGrande	12/18/19	2.0 Document outcome of UAT incorporating discussion notes, and follow-up actions by workstream.; 3.0 Incorporate final comments in the Transmission 500kv inspection form for J. Birch (PG&E) review before distributing to Technology team to develop within mobile platform.; platform.;	5.0	\$ 325.00	\$ 1,625.00
Katherine Hee	12/18/19	Attended Distribution User Acceptance Testing (UAT) and program strategy refresher and program change training (am) led by L. LoGrande with T. DeGrande (KPMG);	4.0	\$ 275.00	\$ 1,100.00
Katherine Hee	12/18/19	Attended Distribution UAT and program strategy refresher and program change training (pm) led by L. LoGrande with T. DeGrande (KPMG);	4.0	\$ 275.00	\$ 1,100.00

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Name	Date	Description	Hours	Rate	Amount
David Sanchez	12/18/19	3.5 Continued, as of 12/18, to develop the 2020 Inspection Candidate Asset Preliminary Analysis in conjunction with 2020 Work Planning Circuit Ranking Memorandum;	3.5	\$ 275.00	\$ 962.50
Alex Esuoso	12/18/19	Created a new workflow in Alteryx to append to the "2020 Planning - Circuit Ranking.ymdb" analysis. This workflow represents all Circuit ID's that were not originally caught in the Circuit Ranking analysis. There were a total of 61 unique IDs that did not populate in the original analysis that now have to be included in the Circuit Ranking.	3.3	\$ 275.00	\$ 907.50
Dennis Cha	12/18/19	3.3 Continued, as of 12/18, drafting the 2020 distribution resource planning and balancing spreadsheet that assigns working month to each block in 2020 inspection plan.	3.3	\$ 275.00	\$ 907.50
Alex Esuoso	12/18/19	Updated the 2020 Inspection Planning slide deck per the request of the client based on a new direction. Created the monthly work forecast for Substation and Transmission illustrating the inspection structure count between Feb. through November and the resource capacity within the same time frame.	3.1	\$ 275.00	\$ 852.50
Matthew Bowser	12/18/19	Update weekly Director steering committee progress update for distribution by J. Birch (PG&E)	3.1	\$ 400.00	\$ 1,240.00
Farbod Farzan	12/18/19	(3.0) Meeting with H. Mejjaty, D. Pant (PG&E), W. Brennan (KPMG), S. Vanukuri (PG&E) to discuss DE and control and mitigations.	3.0	\$ 325.00	\$ 975.00
Will Brennan	12/18/19	(3.0) Updated the DER bowtie workbook by incorporating additional DEs as GNTs (DE consequences and relevant variables)	3.0	\$ 325.00	\$ 975.00
David Sanchez	12/18/19	2.9 Developed 2020 Inspection Candidate Asset Preliminary Analysis Memorandum on analysis on how many structures to be inspected in 2020;	2.9	\$ 275.00	\$ 797.50
Dennis Cha	12/18/19	2.5 Continued, as of 12/18, drafting the 2020 distribution maintenance circuit based plan, translating to an Excel file.	2.5	\$ 275.00	\$ 687.50
David Sanchez	12/18/19	2.3 Developed substation asset planning model for FY20;	2.3	\$ 275.00	\$ 632.50
Matthew Bowser	12/18/19	Working session with S. Urizar, J. Birch (PG&E) and D. Cha (KPMG) to review work and resource plan for 2020 distribution detailed inspections.	2.1	\$ 400.00	\$ 840.00
Alex Esuoso	12/18/19	(1.0) Reviewed the final output file of the Alteryx workflow "2020 Planning - Circuit Ranking.ymdb" analysis to ensure results follow the workflow process. (1.0) Updated the output file to encompass the 61 appended unique ID's that were not caught in the initial workflow.	2.0	\$ 275.00	\$ 550.00
Farbod Farzan	12/18/19	(2.0) Continue updating the electric operation master deck (Topic: PG&E Risk Bowtie Summaries – Update to Leadership) – Review / modify the entire presentation as well as updating DE bowtie according to the latest changes as of 12/18.	2.0	\$ 325.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
David Sanchez	12/18/19	1.8 Continued, as of 12/18, to develop deliverable documentation to provide to client at project close;	1.8	\$ 275.00	\$ 495.00
Alex Esuoso	12/18/19	Reviewed all input for the Alteryx workflow "2020 Planning - Circuit Ranking.ymdb" analysis to ensure completeness.	1.6	\$ 275.00	\$ 440.00
Will Brennan	12/18/19	(1.5) Updated the Task 2 Risk Score Efficiency calculation for S. Vanukuri, B. Wong (PG&E) by revising the counts in the analysis.	1.5	\$ 325.00	\$ 487.50
Dennis Cha	12/18/19	1.1 Discussed circuit based planning output and next steps with J. Birch (PG&E).	1.1	\$ 275.00	\$ 302.50
David Sanchez	12/18/19	1.0 Developed 2020 Inspection Candidate Asset Preliminary Analysis Memorandum on analysis on how many structures to be inspected in 2020;	1.0	\$ 275.00	\$ 275.00
Dennis Cha	12/18/19	1.0 Discussed distribution inspection block selection criteria with S. Urizar (PG&E)	1.0	\$ 275.00	\$ 275.00
Farbod Farzan	12/18/19	(1.0) Preparing electric operation risk bowties ranking to be presented in the PG&E risk calibration session	1.0	\$ 325.00	\$ 325.00
Matthew Bowser	12/18/19	Attend 12/18 huddle call led by J. Birch and T. Mintzer (PG&E) relative to 2020 detailed work planning and detailed inspection planning for coordination across workstream teams relative to progress, challenges and next steps.	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/18/19	Manager review of work and resource plan spreadsheet developed by D. Cha (KPMG) relative to 2020 detailed inspections work plan.	1.0	\$ 400.00	\$ 400.00
Will Brennan	12/18/19	(1.0) Draft email to L. Hughes (PG&E) detailing the inclusion of additional DEs into the excel workbook;	1.0	\$ 325.00	\$ 325.00
Will Brennan	12/18/19	(1.0) Meeting with H. Mejjaty, D. Pant (PG&E), F. Farzan (KPMG) regarding the DER bowtie and controls and mitigations;	1.0	\$ 325.00	\$ 325.00
Will Brennan	12/18/19	(1.0) Updated the system-wide blackout bowtie by removing items (.5) and updated risk input sheet for B. Wong (PG&E) (.5);	1.0	\$ 325.00	\$ 325.00
Dennis Cha	12/18/19	0.6 Continued, as of 12/18, drafting the 2020 distribution resource planning and balancing spreadsheet that assigns working month to each block in 2020 inspection plan.	0.6	\$ 275.00	\$ 165.00
Dennis Cha	12/18/19	0.5 Reviewed with J. Birch, S. Urizar (PG&E) and M. Bowser (KPMG) 2020 distribution resource planning and balancing spreadsheet that assigns working month to each block in 2020 inspection plan.	0.5	\$ 275.00	\$ 137.50
Farbod Farzan	12/18/19	(0.5) Reviewing electric operation master deck with H. Mejjaty (PG&E) in order to address his comments and feedback	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/18/19	(0.5) Developing Control metrics for transmission overhead assets this involves gathering all metrics from different resources and coming up with consolidated control option list	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/18/19	(0.5) Added links to the PG&E SharePoint for all final excel workbook editions;	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
Will Brennan	12/18/19	(0.5) Meeting with H. Mejjaty (PG&E) regarding the potential inclusion of DEs into the risk bowtie;	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/18/19	(0.5) Meeting with S. Holder, S. Vanukuri (PG&E) regarding the Recloser Blocking Risk Score Efficiency;	0.5	\$ 325.00	\$ 162.50
David Sanchez	12/18/19	0.4 Continued, as of 12/18, to develop the 2020 Inspection Candidate Asset Preliminary Analysis along with the 2020 Work Planning Circuit Ranking Memorandum;	0.4	\$ 275.00	\$ 110.00
Taylor DeGrande	12/19/19	3.0 Attended morning session of Madera UAT organized by S.Urizar (PG&E) with goal of providing training and overview of mobile application to field inspectors 3.0 Continued session for Madera UAT with Transmission inspectors performing field test with mobile application on Steel non-500kv structures.; 1.0 Review day's events with UAT team document feedback from inspectors and Madera supervisors including potential enhancements to mobile application and assess business process gaps in end-to-end functionality.;	7.0	\$ 325.00	\$ 2,275.00
Katherine Hee	12/19/19	(5.5) Attended Transmission User Acceptance Testing (UAT) using the new Inspect application joining PG&E compliance inspectors in the field;	5.5	\$ 275.00	\$ 1,512.50
Taylor DeGrande	12/19/19	2.0 Document feedback, discussion topics, and follow-ups action items from UAT.; 3.0 Convert Distribution Underground inspection questionnaire into template to be used by Technology team to develop into new form in mobile platform as requested by J. Birch (PG&E).;	5.0	\$ 325.00	\$ 1,625.00
Matthew Bowser	12/19/19	Continue, as of 12/19, development of 2020 inspections work plan / resource forecast for distribution OH detailed inspections.	3.9	\$ 400.00	\$ 1,560.00
Alex Esuoso	12/19/19	Continued, as of 12/19, drafting the 2020 Planning - Circuit Ranking Analysis Memorandum by composing the narrative for Section 3 (Analysis Procedure Summary) by explaining a thorough step-by-step workflow process so these steps could be replicated if need be.	3.6	\$ 275.00	\$ 990.00
Farbod Farzan	12/19/19	(3.6) Continuation, as of 12/19, updating the electric operation master deck; specifically revising risk scores for all risk bowties and providing detailed information with regards to the latest tranching in each of the bowties.	3.6	\$ 325.00	\$ 1,170.00
David Sanchez	12/19/19	3.5 Continued, as of 12/19, to develop designated portion of the substation asset planning model for FY20;	3.5	\$ 275.00	\$ 962.50
Will Brennan	12/19/19	(3.5) Met with F. Farzan (KPMG), S. Vanukuri (PG&E) regarding DER bowtie knowledge transfer and next steps;	3.5	\$ 325.00	\$ 1,137.50

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Name	Date	Description	Hours	Rate	Amount
Farbod Farzan	12/19/19	(3.4) Continuation, from earlier on 12/19, updating the electric operation master deck; specifically revising risk scores for all risk bowties and providing detailed information with regards to the latest tranching in each of the bowties.	3.4	\$ 325.00	\$ 1,105.00
Dennis Cha	12/19/19	3.1 Continued, as of 12/19, developing the 2020 distribution resource planning and balancing spreadsheet, particularly focused on the updates due to resource utilization and working days per month assumptions.	3.1	\$ 275.00	\$ 852.50
David Sanchez	12/19/19	3.0 Developed transmission asset planning model for FY 2020	3.0	\$ 275.00	\$ 825.00
Scott Stoddard	12/19/19	3.0 - Attend M. Bowser (KPMG) working session regarding 2020 inspections work plan and resource forecast for distribution OH detailed inspections.	3.0	\$ 435.00	\$ 1,305.00
Katherine Hee	12/19/19	(2.5) Attended Transmission UAT using the new Inspect application joining PG&E compliance inspectors in the field;	2.5	\$ 275.00	\$ 687.50
Matthew Bowser	12/19/19	Manager review of transmission and substation inspection work plan data for transfer into work and resource template as developed for distribution.	2.5	\$ 400.00	\$ 1,000.00
Alex Esuoso	12/19/19	Continued, as of 12/19, drafting the 2020 Planning - Circuit Ranking Analysis Memorandum by composing the narrative for Section 1 (Purpose of the Analysis) and Section 2 (Data Quality).	2.4	\$ 275.00	\$ 660.00
Dennis Cha	12/19/19	2.0 Updated maintenance plan conversion input file with data enhancement per J. Birch (PG&E).	2.0	\$ 275.00	\$ 550.00
Will Brennan	12/19/19	(2.0) Updated the Task 2 Risk Score Efficiency document by incorporation of refined date list as provided by S. Gilleran (PG&E);	2.0	\$ 325.00	\$ 650.00
David Sanchez	12/19/19	1.2 Continued, as of 12/19, to update deliverable log to present to client at project close;	1.2	\$ 275.00	\$ 330.00
Dennis Cha	12/19/19	1.0 Reviewed data enhancement of numeric division to alphabetic division breakdown, as well as old division breakdown to new.	1.0	\$ 275.00	\$ 275.00
Farbod Farzan	12/19/19	(1.0) Documenting safety consequences across all electric operation risk bowties requested by H. Mejjaty (PG&E).	1.0	\$ 325.00	\$ 325.00
Matthew Bowser	12/19/19	Attend all-hands meeting led by T. Mintzer (PG&E) for progress to date on 2020 detailed work plan.	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/19/19	Attend 12/19 huddle call led by J. Birch and T. Mintzer (PG&E) relative to 2020 detailed work planning and detailed inspection planning for coordination across workstream teams relative to progress, challenges and next steps.	1.0	\$ 400.00	\$ 400.00
Will Brennan	12/19/19	(1.0) Call with L. Hughes (PG&E) regarding the incorporation of seven additional fires into the DER bowtie.	1.0	\$ 325.00	\$ 325.00
Will Brennan	12/19/19	(1.0) Updated the risk bowtie master deck, as of 12/16, as instructed to by F. Farzan (KPMG) and D. Pant (PG&E) for presentation to PG&E leadership;	1.0	\$ 325.00	\$ 325.00

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Name	Date	Description	Hours	Rate	Amount
David Sanchez	12/19/19	0.9 Continued, as of 12/19, development of transmission asset planning model for FY 2020	0.9	\$ 275.00	\$ 247.50
Dennis Cha	12/19/19	0.5 AMS Task 2 12/19 alignment with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, K.Hee (KPMG) to align on the current status, progress, and risks/challenges for the EC Optimization Program / Pole Integrity Assessment support, the Distribution Asset Management support, and the 2020 inspection Planning support.	0.5	\$ 275.00	\$ 137.50
Farbod Farzan	12/19/19	(0.5) Call with B .Wong (PG&E) in order to discuss corporate trust consequences of incidents in distribution underground network as well as safety consequences.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/19/19	(0.5) Call with D. Pant (PG&E) in order to hear feedback from director meeting with regards to the contents of electric operation master deck (Topic: PG&E Risk Bowtie Summaries – Update to Leadership)	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/19/19	(0.5) Updated the Recloser Blocking Risk Score Efficiency calculation after consultation with S. Vanukuri;	0.5	\$ 325.00	\$ 162.50
Dennis Cha	12/19/19	0.40 Updated 2020 inspection and resource summary slides as of 12/19; specifically slide 1-3.	0.4	\$ 275.00	\$ 110.00
Taylor DeGrande	12/20/19	2.0 Develop summary of User Acceptance Testing (UAT) weekly events for follow-up Director Steering Committee.; 3.0 Update program master schedule from Tuesday's schedule review meeting to discuss current progress and upcoming activities	5.0	\$ 325.00	\$ 1,625.00
Katherine Hee	12/20/19	(1.0) Attended meeting led by S. Urizar to review gatekeeping procedure and process test data gathered during UAT; (3.0) Created summary of UAT events over course of week and summarized main takeaways and learned lessons as well as highlighting success of the event;	4.0	\$ 275.00	\$ 1,100.00
David Sanchez	12/20/19	3.7 Continued, as of 12/20, to develop the transmission asset planning model for FY 2020;	3.7	\$ 275.00	\$ 1,017.50
Matthew Bowser	12/20/19	Update resource plan templates and begin to input execution scenarios for visualization based on feedback from J. Birch and S. Urizar (PG&E).	3.5	\$ 400.00	\$ 1,400.00
Will Brennan	12/20/19	(3.4) Updated the risk bowtie documentation file and shared the file with D. Pant (PG&E) and H. Mejjaty (PG&E) for review;	3.4	\$ 325.00	\$ 1,105.00
Katherine Hee	12/20/19	(1.2) Continued creating summary of UAT events over course of week and summarized main takeaways and learned lessons as well as highlighting success of the event; (1.0) Reviewed current status of items on huddle board in preparation of officer update meeting with S. Urizar (PGE); (0.8) Attended Director steering committee meeting led by J. Birch (PG&E) to discuss 2020 SI program updates and review outcomes of the UAT;	3.0	\$ 275.00	\$ 825.00

EXHIBIT C1

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Asset Management Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Dennis Cha	12/20/19	2.7 Analyzed the updated loading order and criteria in distribution inspection block/asset selection, concurrently preparing resource balancing spreadsheets.	2.7	\$ 275.00	\$ 742.50
Alex Esuoso	12/20/19	Continued, as of 12/20, drafting the 2020 Planning - Circuit Ranking Analysis Memorandum by composing the narrative for Section 3 (Data Sources) to illustrate how the data sources were used within the workflow and composed the narrative for Section 4 (Default Values Used for Poor Quality Data)	2.5	\$ 275.00	\$ 687.50
Farbod Farzan	12/20/19	(2.5) Transmission overhead controls- perform initial mapping of controls to drivers and sub-drivers of different outage incidents	2.5	\$ 325.00	\$ 812.50
David Sanchez	12/20/19	2.4 Continued, as of 12/20, to develop transmission asset planning model, concurrently addressing review comments	2.4	\$ 275.00	\$ 660.00
Dennis Cha	12/20/19	2.30 Reviewed /analyzed distribution workflows and outputs scenarios; specifically commitment requirements, ultrasonic successful vs. unsuccessful, and leveling resources.	2.3	\$ 275.00	\$ 632.50
Alex Esuoso	12/20/19	Completed the first pass of the write up for 2020 Planning - Circuit Ranking Analysis Memorandum by completing Section 5 (Key takeaways) to illustrate important objectives that can be seen through the output file created with this Alteryx workflow.	2.1	\$ 275.00	\$ 577.50
Alex Esuoso	12/20/19	Continued, as of 12/20, drafting the 2020 Planning - Circuit Ranking Analysis Memorandum by reviewing and altering Section 3 (Analysis Procedure Summary) to reflect new approach that should be reflected.	2.1	\$ 275.00	\$ 577.50
Matthew Bowser	12/20/19	Update resource plan template to incorporate loading orders and execution month and provide edits to D. Cha for implementation.	1.8	\$ 400.00	\$ 720.00
Will Brennan	12/20/19	(1.1) Updated the system-wide blackout bowtie and shared appropriate files on the PG&E SharePoint (.5). Call with G. Thapan-Raina (KPMG) regarding the necessary updates	1.6	\$ 325.00	\$ 520.00
Farbod Farzan	12/20/19	(1.5) Continuation , as of 12/20, revising the electric operation master deck, specifically updating the DE bowtie according to the latest changes on December 19th.	1.5	\$ 325.00	\$ 487.50
Matthew Bowser	12/20/19	Attend 12/20 huddle call led by J. Birch and T. Mintzer (PG&E) relative to 2020 detailed work planning and detailed inspection planning for coordination across workstream teams relative to progress, challenges and next steps.	1.5	\$ 400.00	\$ 600.00
Will Brennan	12/20/19	(1.5) Call with S. Vanukuri (PG&E) to discuss updates to the Risk Score Efficiency documents for incorporation into the DE bowtie;	1.5	\$ 325.00	\$ 487.50

EXHIBIT C1

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Asset Management Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Alex Esuoso	12/20/19	(1.0) Reviewed the input and output files from the Alteryx workflow in file "PIA Model 11 21 2019.yxmb" to ensure completeness in the workflow. (.3) Began composing the memorandum for this workflow.	1.3	\$ 275.00	\$ 357.50
Matthew Bowser	12/20/19	Attend last user acceptance testing (UAT) session of week for viewing of inspection results in gatekeeper screen, led by S. Urizar (PG&E).	1.2	\$ 400.00	\$ 480.00
Dennis Cha	12/20/19	1.0 Continued, as of 12/20, preparing the 2020 distribution resource planning and balancing spreadsheet, based on the commitment met/not met scenarios.	1.0	\$ 275.00	\$ 275.00
Farbod Farzan	12/20/19	(1.0) Reviewing Transmission Line Overhead Asset Management Plan document shared by P. Mackey (PG&E)	1.0	\$ 325.00	\$ 325.00
Farbod Farzan	12/20/19	(0.5) Call with D. Pant (PG&E) in order to discuss methodologies to layer in SME's judgment in forms of Bayesian probabilities in the risk bowties.	0.5	\$ 325.00	\$ 162.50
Farbod Farzan	12/20/19	(0.5) Call with D. Pant (PG&E), M. Ly (PG&E), and Y. Oum (PG&E) to discuss addition of SME judgment in the distribution underground network risk bowtie.	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/20/19	(0.5) Call with F. Farzan (KPMG) regarding DER bowtie knowledge transfer and next steps for documentation.	0.5	\$ 325.00	\$ 162.50
Will Brennan	12/20/19	(0.5) Updated the master deck, as of 12/20, with necessary information for F. Farzan (KPMG);	0.5	\$ 325.00	\$ 162.50
David Sanchez	12/20/19	0.1 Reviewed transmission asset planning model with D. Cha (KPMG)	0.1	\$ 275.00	\$ 27.50
Matthew Bowser	12/23/19	1.5 - Update distribution OH inspection resource plan scenario slides based on feedback from J. Birch (PG&E); 0.5 - Review technology roadmap sent by J. Kim (PG&E) and provide comments based on PMO activities. 2.0 -Continue, as of 12/23, development of T/D/S resource plan scenario slides based on loading order data provided by D. Cha (KPMG) at the request of J. Birch (PG&E).	4.0	\$ 400.00	\$ 1,600.00
Dennis Cha	12/23/19	2.9 Continued analyzing and drafting the 2020 distribution inspection asset count and working month scenarios, focusing on setting up the data workflow for 5 distinct scenarios.	2.9	\$ 275.00	\$ 797.50
Dennis Cha	12/23/19	2.0 Continued, as of 12/23, drafting the 2020 substation inspection list and associated work month assignment.	2.0	\$ 275.00	\$ 550.00
Dennis Cha	12/23/19	1.1 Discussion with J. Birch (PG&E) regarding the progress updates as of 12/23 and next steps on 2020 distribution inspection planning.	1.1	\$ 275.00	\$ 302.50
Dennis Cha	12/23/19	1.0 Continued, as of 12/23, analyzing, concurrently drafting the 2020 distribution inspection asset count and working month scenarios, focusing on setting up the data workflow for 5 distinct scenarios.	1.0	\$ 275.00	\$ 275.00

EXHIBIT C1

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Asset Management Services
 December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Dennis Cha	12/23/19	1.0 Discussion with M. Hvistendahl (PG&E) regarding development of T&D OH inspection detailed resource plan summary	1.0	\$ 275.00	\$ 275.00
Dennis Cha	12/24/19	3.1 Updated the 2020 substation and distribution inspection loading orders, concurrently assigning work month output based on the assumption change per J. Birch (PG&E). 0.4 Discussion with S. Urizar and J. Birch (PG&E) to review the progress and next steps on 2020 substation and distribution inspection planning output. 1.5 Continued, as of 12/24, drafting the 2020 substation and distribution inspection output slides (resource plan scenarios, data tables) based on the assumption change per J. Birch (PG&E).	5.0	\$ 275.00	\$ 1,375.00
Dennis Cha	12/26/19	3.7 Continued, as of 12/26 drafting the 2020 transmission OH ground inspection, focusing on the slide deck pages 1-5 outlining the suite of resource scenarios.	3.7	\$ 275.00	\$ 1,017.50
Dennis Cha	12/26/19	3.6 Continued, as of 12/26, drafting 2020 transmission OH ground detailed inspection data workflow, focusing on building out 2 scenarios - ultrasonic testing works vs. ultrasonic testing does not work.	3.6	\$ 275.00	\$ 990.00
Dennis Cha	12/26/19	3.0 Continued, as of 12/26, drafting the 2020 transmission OH ground inspection, focusing on the slide deck pages 1-5 outlining the suite of resource scenarios.	3.0	\$ 275.00	\$ 825.00
Dennis Cha	12/26/19	0.7 Continued, as of 12/26, drafting the 2020 transmission OH ground inspection, focusing on the slide deck pages 1-5 outlining the suite of resource scenarios.	0.7	\$ 275.00	\$ 192.50
Dennis Cha	12/26/19	0.7 Reviewed progress and next steps with J. Birch (PG&E) as of 12/26 on 2020 transmission OH ground detailed inspection planning.	0.7	\$ 275.00	\$ 192.50
Dennis Cha	12/28/19	2.1 Discussion with J. Birch (PG&E) regarding the HFTD tier 2 / tier 1 selection methodology, loading orders, and external commitments. 3.9 Continued, as of 12/28, drafting the 2020 distribution inspection resource plan data workflow based on updates from J. Birch and S. Urizar (PG&E).	6.0	\$ 275.00	\$ 1,650.00
Matthew Bowser	12/28/19	2.5 - Begin development of T&D OH inspection detailed resource plan summary at the request of M. Hvistendahl (PG&E) and J. Birch (PG&E); 1.5 - Working session with J. Birch (PG&E) to review assumptions and work and resource plan inputs.	4.0	\$ 400.00	\$ 1,600.00
Dennis Cha	12/29/19	2.3 Continued, as of 12/29, drafting the 2020 distribution OH patrols, focusing on building the data workflow and testing the outputs. 0.3 Discussion with J. Birch (PG&E) on distribution patrols loading orders and work month assignment. 1.4 Finalized the preliminary draft of the 2020 distribution OH patrols data workflow and outputs.	4.0	\$ 275.00	\$ 1,100.00

EXHIBIT C1

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Asset Management Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	12/29/19	3.0 - Continue, as of 12/29, development of System Inspections overall work & resource plan at the request of M. Hvistendahl (PG&E). ; 1.0 - attend 12/29 Optimization status call led by J. Yan (PG&E) to discuss progress and next steps regarding inspections work plan development / optimization.	4.0	\$ 400.00	\$ 1,600.00
Dennis Cha	12/30/19	2.6 Drafted the updated data workflow and output for 2020 transmission OH patrols based on direction from S. Urizar and J. Birch (PG&E). 3.4 Drafted the updated data workflow and output for 2020 transmission OH ground inspection based on direction from S. Urizar and J. Birch (PG&E).	6.0	\$ 275.00	\$ 1,650.00
Matthew Bowser	12/30/19	3.0 - Continue, as of 12/20, development of System Inspections work and resource plan based on feedback from J. Birch and M. Hvistendahl (PG&E).	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	12/30/19	2.5 - Working session with J. Birch (PG&E) to finalize unit counts, unit rates, and applicable assumptions to be incorporated into System Inspections 2020 work plan.;	2.5	\$ 400.00	\$ 1,000.00
Matthew Bowser	12/30/19	1.6 - Attend working session led by S. Urizar and M. Hvistendahl (PG&E) to discuss 2020 System Inspections department execution budget and constraints.	1.6	\$ 400.00	\$ 640.00
Matthew Bowser	12/30/19	1.0 - Attend Inspections PMO 12/30 huddle call led by J. Birch (PG&E);	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	12/30/19	0.9 - Continue, as of 12/30, development of System Inspections work and resource plan based on feedback from J. Birch and M. Hvistendahl (PG&E).	0.9	\$ 400.00	\$ 360.00
Matthew Bowser	12/31/19	2.5 - Continue, as of 12/31, development on 2020 System Inspections resource model. 1.0 - Working session with L. Peck (PG&E) to discuss alignment of current System Inspections work plan with circuit-based plan.; 0.5 - Manager review of AMS Task 2 Work and Resource plan as of 12/31.	4.0	\$ 400.00	\$ 1,600.00
Total Asset Management Services			1,108.5		\$ 367,879.00

KPMG Meeting Attendee Table Reference

Professional	Position	Role / Area of Specialization	Service
Bowser, Matthew	Manager	Task 2 day-to-day on site lead working at the direction of the Engagement Manager, primarily focused on Distribution Repair Scheduling coordination as well as the process design and implementations related to the EC Optimization Program, Privately Owned Lines, and Pole Integrity Assessment workstreams.	Asset Management Services
Broida, Matt	Director	Strategy Director responsible for Task 1 coordination and oversight of analysis and oversight of Task 5 Bowtie and Cross Cutter analysis	Asset Management Services
Cha, Dennis	Associate	Task 2 day-to-day support staff, primarily focused on EC Optimization Program Project Management Office, including workstream data analytics, process and procedure development, and governance documentation.	Asset Management Services
Elmblad, Daniel	Manager	Lead manager supporting General Rate Case and rebuttal testimony.	Asset Management Services
Gonzalez III, Juan	Partner	Quality Assurance partner. Responsible for reviewing engagement deliverables and activities for quality	Asset Management Services
Mani, Arun	Partner	Lead engagement partner for Asset Management Services. Responsible for overall engagement governance, quality, working closely with PG&E senior leadership.	Asset Management Services
Stoddard, Scott	Director	Task 2 engagement manager and lead Task 2 client contact for items including overall Task 2 delivery and client interaction, deliverable development, process improvement, and ongoing Task oversight.	Asset Management Services / Permitting Spend Analysis
Thapan-Raina, Gaurav	Manager	Lead Manager to support vegetation management data analytics and development of the Tree Assessment Tool (TAT)	Asset Management Services
Tucker, Reid	Partner	Approving partner for overall Task 2 deliverables	Asset Management Services
Nagdeo, Rohit	Lead Specialist - Advisory	PingAccess and PingFederate Subject Matter Expert	IT Software Services (Phase II)
Rama, Bhaskara	Senior Specialist - Advisory	PingAccess and PingFederate Subject Matter Expert	IT Software Services (Phase II)
Rice, Matthew	Lead Specialist - Advisory	PingAccess and PingFederate Subject Matter Expert	IT Software Services (Phase II)
Villegas, Rob	Manager - Advisory	Responsible for overall engagement management and coordination with PG&E on priorities and inter-dependencies	IT Software Services (Phase II)
Conkel, Josh	Manager - Advisory	Technical lead for Data Security Services projects leading the Unstructured DLP Expansion and Cloud DLP expansion workstreams. Guides DLP expansion implementation, providing hands-on-keyboard implementation support as required.	Data Security Services / CCPA
Dupree, Garrett	Associate - Advisory	Technical analyst for Data Security Services projects supporting data loss prevention (DLP) workstreams. Provides SMP support for Symantec DLP.	Data Security Services
Gomez, Michael	Principal - Advisory	Engagement Partner for Data Security Services projects. Provides engagement leadership and executive support/oversight.	Data Security Services / CCPA
Hornland, Kristy	Senior Associate- Advisory	Project Management Lead for Data Security Services projects leading Data Inventory and Collibra implementation workstream. Guides data inventory project activities and supports Collibra implementation project management activities.	Data Security Services
Kerzner, Yosef	Senior Associate - Advisory	Technical analyst for Data Security Services projects supporting de-identification workstream. Provides SMP support for Dataguise product.	Data Security Services
Rich, Gary	Manager - Advisory	Technical and project management lead for Data Security Services projects leading the Data De-identification workstream. Guides workstream's implementation and configuration of Collibra tool.	Data Security Services
Sedgwick, Toby	Manager - Advisory	Engagement Manager for Data Security Services projects. Coordinates with PG&E on priorities and interdependencies and supports project management and implementation activities on all workstreams as required.	Data Security Services
Zanko, Michael	Senior Associate - Advisory	Collibra SMP for Data Security Services, providing SMP support for Collibra implementation.	Data Security Services
Andrei Emelianov	Director - Advisory	Responsible for managing ad hoc analysis required as part of the Permitting Support Phase 2 project (e.g., analysis required/requested by computer assisted testing team such as document annotation, AHJ definition, quality control).	Gas and Electric Permitting Support Phase 2
Christopher Wong	Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Clay Gilge	Principal - Advisory	Phase 1 engagement partner; responsible for effective transition between Phase 1 and Phase 2 Permitting Support project.	Gas and Electric Permitting Support Phase 2
David Hall	Senior Associate - Advisory	Data scientist supporting the computer assisted testing model development team.	Gas and Electric Permitting Support Phase 2
Eloise Pinto	Manager - Advisory	Responsible for supervising staff activities, day-to-day coordination with PG&E stakeholders, quality control over work performed, preparing documentation for meetings and reporting.	Gas and Electric Permitting Support Phase 2
Jeffrey Strong	Manager - Advisory	Data analyst supporting the Permitting Support Phase 2 team. Repsonsible for ensuring integrity in the database created to document testing results and outcomes.	Gas and Electric Permitting Support Phase 2
John Stockdale	Associate - Advisory	Data scientist supporting the computer assisted testing model development team.	Gas and Electric Permitting Support Phase 2

KPMG Meeting Attendee Table Reference

Professional	Position	Role / Area of Specialization	Service
Jonathan Boldt	Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Juan Gonzalez III	Partner - Advisory	Engagement partner overseeing Permitting Support Phase 2 project. Responsible for managing resources, providing direction on scope of work, providing guidance on methodologies that could be applied at various project decision points, client relationship and reporting.	Gas and Electric Permitting Support Phase 2
Kimberly Johnson	Manager - Advisory	Responsible for supervising staff activities, day-to-day coordination with PG&E stakeholders, quality control over work performed, preparing documentation for meetings and reporting.	Gas and Electric Permitting Support Phase 2
Michelle Yeung	Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Nicole Tran	Senior Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Rachael Graening	Senior Associate - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Rachel Wagner-Kaiser	Manager - Advisory	Lead data scientist for the computer assisted testing model development team.	Gas and Electric Permitting Support Phase 2
Ryan Tuggle	Director - Advisory	Engagement manager for the computer assisted testing portion of the Permitting Support Phase 2 team. Responsible for ensuring adherence to scope established by Engagement Partner and Engagement Manager, supervision of the data scientists, executive reporting on project status and outcomes.	Gas and Electric Permitting Support Phase 2
Scott Stoddard	Director - Advisory	Phase 1 engagement manager; responsible for effective transition between Phase 1 and Phase 2 Permitting Support project.	Gas and Electric Permitting Support Phase 2
Stephen Greer	Manager - Advisory	Analyst responsible for extraction and analysis of supporting data from PG&E systems.	Gas and Electric Permitting Support Phase 2
Tabitha Gaustad	Director - Advisory	Engagement manager overseeing Permitting Support Phase 2 project. Responsible for managing resources, providing direction on scope of work, providing guidance on methodologies that could be applied at various project decision points, client relationship and reporting.	Gas and Electric Permitting Support Phase 2
Yiwen Fu	Manager - Advisory	Liaison between manual review and computer assisted testing teams for the Permitting Support Phase 2 project.	Gas and Electric Permitting Support Phase 2

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Bob Zhang	12/02/19	Updated, as of 12/02/19, the unstructured scan results within scan results template.	1.7	
Bob Zhang	12/02/19	Meeting with T. Sedgwick, J. Conkel, K. Hornland, Y. Kerzner, G. Rich, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention, and De-Identification work streams. (T. Sedgwick, B. Zhang, K. Hornland identified the key tasks-in-motion / pending deliverable items for the Data Inventory work stream. - J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around drafting and completing the Data Loss Prevention playbook. Y. Kerzner identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, centered around moving along the installation of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook).	1.0	
Garrett Dupree	12/02/19	Perform testing, concurrently verifying the ability to login to the newly configured Collibra servers across all three environments while ensuring the Collibra directories had been created / correctly mounted in preparation for the upcoming Collibra installation on 12/6.	2.3	
Garrett Dupree	12/02/19	Perform testing to note which listening ports are open on the nine Collibra servers to verify whether or not the firewall exception requests had been implemented in preparation for the upcoming Collibra install on 12/6.	2.6	
Gary Rich	12/02/19	Touch point with Y. Kerzner (KPMG), as of 12/2, to discuss de-identification tasks/ next steps	0.3	
Gary Rich	12/02/19	Meeting with T. Sedgwick, J. Conkel, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention, and De-Identification work streams. (T. Sedgwick, B. Zhang, K. Hornland identified the key tasks-in-motion / pending deliverable items for the Data Inventory work stream. - J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around drafting and completing the Data Loss Prevention playbook. Y. Kerzner identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, centered around moving along the installation of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook).	1.0	
Josh Conkel	12/02/19	Prepared final draft of DLP technical runbook for review later in the week with PG&E project sponsors as this item is a project deliverable.	3.0	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Kristy Hornland	12/02/19	Updating, as of 12/02/19, the data inventory maintenance / remediation workbook based on feedback.	3.1	
Kristy Hornland	12/02/19	Meeting with T. Sedgwick, J. Conkel, Y. Kerzner, B. Zhang, G. Rich, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention, and De-Identification work streams. (T. Sedgwick, B. Zhang, K. Hornland identified the key tasks-in-motion / pending deliverable items for the Data Inventory work stream. - J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around drafting and completing the Data Loss Prevention playbook. Y. Kerzner identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, centered around moving along the installation of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook).	1.0	
Toby Sedgwick	12/02/19	Meeting with Y. Kerzner (KPMG) to discuss further elements of the De-Identification work stream, including getting access to Oracle and SQL databases from previous Proof-of-Concept environment, specifics of connecting to target application databases, and scheduling remaining installation sessions for QA environments.	0.8	
Yosef Kerzner	12/02/19	Updating, as of 12/02/19, the status items, concurrently drafting following-up via email with PG&E team members regarding status of items that are blocking the potential for a successful QA build.	1.4	
Garrett Dupree	12/02/19	Meeting with T. Sedgwick, J. Conkel, K. Hornland, Y. Kerzner, B. Zhang, and G. Riceh (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention, and De-Identification work streams. (T. Sedgwick, B. Zhang, K. Hornland identified the key tasks-in-motion / pending deliverable items for the Data Inventory work stream. - J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around drafting and completing the Data Loss Prevention playbook. Y. Kerzner identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, centered around moving along the installation of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook).	1.0	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Yosef Kerzner	12/02/19	Meeting with T. Sedgwick, J. Conkel, K. Hornland, G. Rich, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention, and De-Identification work streams. (T. Sedgwick, B. Zhang, K. Hornland identified the key tasks-in-motion / pending deliverable items for the Data Inventory work stream. - J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around drafting and completing the Data Loss Prevention playbook. Y. Kerzner identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, centered around moving along the installation of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook).	1.0	
Josh Conkel	12/02/19	Meeting with T. Sedgwick, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention, and De-Identification work streams. (T. Sedgwick, B. Zhang, K. Hornland identified the key tasks-in-motion / pending deliverable items for the Data Inventory work stream. - J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around drafting and completing the Data Loss Prevention playbook. Y. Kerzner identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, centered around moving along the installation of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook).	1.0	
Yosef Kerzner	12/02/19	Meeting with T. Sedgwick (KPMG) to discuss further elements of the De-Identification work stream, including getting access to Oracle and SQL databases from previous Proof-of-Concept environment, specifics of connecting to target application databases, and scheduling remaining installation sessions for QA environments.	0.8	
Toby Sedgwick	12/02/19	Meeting with S. Yem, D. Gaurav, G. Vadathu, C. Mattos (PG&E), Y. Kerzner (KPMG) to review the revised draft of the Disaster Recovery plan, changes, and resolved to potentially discuss the warm standby controller configuration with DataGuise prior to meeting with Disaster Recovery lead planned for the following day	1.5	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Yosef Kerzner	12/02/19	Meeting with S. Yem, D. Gaurav, G. Vadathu, C. Mattos (PG&E), T. Sedgwick (KPMG) to review the revised draft of the Disaster Recovery plan, changes, and resolved to potentially discuss the warm standby controller configuration with DataGuisse prior to meeting with Disaster Recovery lead planned for the following day	1.5	
Josh Conkel	12/02/19	Meeting with S. Rupp, T. Zimmerer, R. Vasireddy, J. Dey (EY), N. Shahi, E. Yu, B. Liu, D. Samuel, A. Kottal, A. Ailineni, G. Kesharwani, Y. Wang, S. Malhotra, G. Vadathu, and T. Howe (PG&E) to discuss updated data loss prevention scan results shared by the data loss prevention team and answer any questions from the CCPA team.	1.0	
Bob Zhang	12/02/19	Meeting with K. Muppa, K. Cook, D. Gaurav, G. Vadathu, T. Howe (PG&E CCPA Team) to discuss results, challenges, and procedure of California Consumer Privacy Act scanning of structured databases.	1.2	
Toby Sedgwick	12/02/19	Meeting with G. Vadathu (PG&E), Y. Kerzner (KPMG) to discuss options and process of importing data into Oracle / SQL databases within test environment that was built in 2018	0.5	
Yosef Kerzner	12/02/19	Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG) to discuss options and process of importing data into Oracle / SQL databases within test environment that was built in 2018	0.5	
Toby Sedgwick	12/02/19	Meeting with G. Rich, J. Conkel, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention, and De-Identification work streams. (T. Sedgwick, B. Zhang, K. Hornland identified the key tasks-in-motion / pending deliverable items for the Data Inventory work stream. - J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around drafting and completing the Data Loss Prevention playbook. Y. Kerzner identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, centered around moving along the installation of the DataGuisse tool, continuing to review the Disaster Recovery Plan, and updating the runbook).	1.0	
Bob Zhang	12/02/19	Meeting with D. Graves, K. Cook (PG&E), T. Sedgwick, K. Hornland (KPMG) to discuss process flow of Data Loss Prevention scan collection and transformation of scan data to Collibra.	0.5	
Kristy Hornland	12/02/19	Meeting with D. Graves, K. Cook (PG&E), T. Sedgwick, B. Zhang (KPMG) to discuss process flow of Data Loss Prevention scan collection and transformation of scan data to Collibra.	0.5	

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Toby Sedgwick	12/02/19	Meeting with D. Graves, K. Cook (PG&E), B. Zhang, K. Hornland (KPMG) to discuss process flow of Data Loss Prevention scan collection and transformation of scan data to Collibra.	0.5	
Yosef Kerzner	12/02/19	Meeting with D. Gaurav (PG&E) to review an initial draft of a load and performance matrix that he had created to measure the system load of various tasks and will be adjusted for tasks to be performed using target application lower-level environments.	0.9	
Yosef Kerzner	12/02/19	Meeting with A. Kumar (DataGuise) to discuss possibility of obtaining standalone scripts when potentially re-installing a metadata repository as part of the Disaster Recovery plan draft development.	0.4	
Toby Sedgwick	12/02/19	Discussion with Y. Kerzner (KPMG) regarding the possibility of using a "control database" database environment, spanning QA and Prod environments, for verification that detection or masking functionality still works after completing fail-over steps as part of a Disaster Recovery plan.	0.8	
Yosef Kerzner	12/02/19	Discussion with T. Sedgwick (KPMG) regarding the possibility of using a "control database" database environment, spanning QA and Prod environments, for verification that detection or masking functionality still works after completing fail-over steps as part of a Disaster Recovery plan.	0.8	
Toby Sedgwick	12/02/19	Discussion regarding outcome of the prior meeting with Y. Kerzner (KPMG) as to why the warm standby controller should be reclassified as a cold standby controller to make the fail-over process easier, resolving to communicate this change to client lead prior to a meeting scheduled for tomorrow with the Disaster Recovery Lead.	0.7	
Yosef Kerzner	12/02/19	Discussion regarding outcome of the prior meeting with T. Sedgwick (KPMG) as to why the warm standby controller should be reclassified as a cold standby controller to make the fail-over process easier, resolving to communicate this change to client prior to a meeting scheduled for tomorrow with the Disaster Recovery Lead.	0.7	
Bob Zhang	12/02/19	Developed template for Data Loss Prevention (DLP) unstructured repository scan results collection.	1.0	
Kristy Hornland	12/02/19	Continue, from earlier in the day on 12/02/19, to update the data inventory maintenance / remediation workbook based on feedback.	3.4	
Bob Zhang	12/02/19	Collected scan results, as of 12/2, from test unstructured scan repositories.	2.6	
Bob Zhang	12/02/19	Capture screenshots to document the scan collection process for the Data Inventory Playbook.	1.0	

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Garrett Dupree	12/02/19	Analyze the scan results to determine which fields to report, concurrently compiling the test result fields / reporting requirements to relay to B. Zhang (KPMG) for fulfillment as we are required to submit the DLP customer care / human resources test scan results.	2.6	
Kristy Hornland	12/02/19	1.1 Follow up with F. Molina (PG&E) on missing items for disaster recovery (DR) plan and FERs.	1.1	
Gary Rich	12/03/19	Communication with Y. Kerzner (KPMG) regarding de-identification tasks as of 12/3, next steps.	0.3	
Yosef Kerzner	12/03/19	Draft email to follow-up with J. Peters (DataGuise) requesting DataGuise Customer Support Portal access for G. Vadathu (PG&E) to help support once D. Gaurav (PG&E) is no longer available.	0.3	
Yosef Kerzner	12/03/19	Drafting email to DataGuise team members requesting their input on a "cold standby" approach to the controller failover portion of the Disaster Recovery plan.	0.3	
Yosef Kerzner	12/03/19	Draft questions/items that need to be discussed with V. Wong (PG&E) during a meeting tomorrow regarding enhancement of the operationalization of the DataGuise tool implementation.	0.5	
Kristy Hornland	12/03/19	Meeting with B. Zhang (KPMG) for Data Inventory process walkthrough to review the process for scan data collection on unstructured repositories.	0.5	
Toby Sedgwick	12/03/19	Meeting with G. Vadathu (PG&E), G. Dupree (KPMG) to discuss the current status of pending Data Loss Prevention work stream items and determine the resolution to any roadblocks that could potentially delay the project resolution date.	0.5	
Garrett Dupree	12/03/19	Meeting with G. Vadathu (PG&E) and T. Sedgwick (KPMG) to discuss the current status of pending Data Loss Prevention work stream items and determine the resolution to any roadblocks that could potentially delay the project resolution date.	0.5	
Bob Zhang	12/03/19	Meeting with K. Hornland (KPMG) for Data Inventory process walkthrough to review the process for scan data collection on unstructured repositories.	0.5	
Yosef Kerzner	12/03/19	Preparing request in MEA for access to the L1-A2287-Prod group / providing a business justification for the request for successful installation of the QA environment of DataGuise.	0.5	
Yosef Kerzner	12/03/19	Perform testing to verify that I can not actually authenticate to the Prod or QA De-ID servers to be used for Data De-Identification workstream.	0.5	
Toby Sedgwick	12/03/19	Meeting with B. Spell (PG&E), G. Dupree, J. Conkel (KPMG) to discuss the ticket requirements for submitting the formal request to add the Data Security Program's service account to the local administrator groups for network file shares needed in order to finish executing the Data Loss Prevention performance test scenarios.	0.6	

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Name	Date	Description	Hours	Amount
Josh Conkel	12/03/19	Meeting with B. Spell (PG&E), T. Sedgwick, G. Dupree (KPMG) to discuss the ticket requirements for submitting the formal request to add the Data Security Program's service account to the local administrator groups for network file shares needed in order to finish executing the Data Loss Prevention performance test scenarios.	0.6	
Garrett Dupree	12/03/19	Meeting with B. Spell (PG&E), T. Sedgwick, J. Conkel (KPMG) to discuss the ticket requirements for submitting the formal request to add the Data Security Program's service account to the local administrator groups for network file shares needed in order to finish executing the Data Loss Prevention performance test scenarios.	0.6	
Gary Rich	12/03/19	Meeting with C. Mattos, D. Gaurav (PG&E), G. Rich (KPMG) to discuss documentation of de-identification scanning results.	0.6	
Yosef Kerzner	12/03/19	Updating, as of 12/03/19, the PG&E Admin password to verify ability to login via Secure Shell (SSH) into De-ID servers.	0.6	
Yosef Kerzner	12/03/19	Verifying information obtained regarding the application name / Disaster Recovery Tier (.5) and drafted an email regarding same to G. Shintani (PG&E) to facilitate a name change for the application (.1).	0.6	
Gary Rich	12/03/19	Meeting with G. Vadathu, F. Molina, K. Muppa, D. Gaurav (PG&E), J. Conkel, B. Zhang, T. Sedgwick, K. Hornland, G. Dupree, Y. Kerzner (KPMG) to discuss status of the De-Identification, Data Loss Prevention, Data Inventory workstreams, and access issues around appropriate security groups that are currently affecting both the De-Identification / Data Loss prevention workstreams. (T. Sedgwick led conversations on both workstreams. - De-Identification workstream were supported by G. Rich and Y. Kerzner. - J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree B. Zhang. - K. Hornland provided input on the Data Inventory workstream.	0.7	
Josh Conkel	12/03/19	Meeting with G. Vadathu, F. Molina, K. Muppa, D. Gaurav (PG&E), G. Rich, B. Zhang, T. Sedgwick, K. Hornland, G. Dupree, Y. Kerzner (KPMG) to discuss status of the De-Identification, Data Loss Prevention, Data Inventory workstreams, and access issues around appropriate security groups that are currently affecting both the De-Identification / Data Loss prevention workstreams. (T. Sedgwick led conversations on both workstreams. - De-Identification workstream were supported by G. Rich and Y. Kerzner. - J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree B. Zhang. - K. Hornland provided input on the Data Inventory workstream.	0.7	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	12/03/19	Meeting with G. Vadathu, F. Molina, K. Muppa, D. Gaurav (PG&E), G. Rich, J. Conkel, B. Zhang, K. Hornland, G. Dupree, Y. Kerzner (KPMG) to discuss status of the De-Identification, Data Loss Prevention, Data Inventory workstreams, and access issues around appropriate security groups that are currently affecting both the De-Identification / Data Loss prevention workstreams. (T. Sedgwick led conversations on both workstreams. - De-Identification workstream were supported by G. Rich and Y. Kerzner. - J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree B. Zhang. - K. Hornland provided input on the Data Inventory workstream.	0.7	
Kristy Hornland	12/03/19	Meeting with G. Vadathu, F. Molina, K. Muppa, D. Gaurav (PG&E), G. Rich, J. Conkel, T. Sedgwick, B. Zhang, G. Dupree, Y. Kerzner (KPMG) to discuss status of the De-Identification, Data Loss Prevention, Data Inventory workstreams, and access issues around appropriate security groups that are currently affecting both the De-Identification / Data Loss prevention workstreams. (T. Sedgwick led conversations on both workstreams. - De-Identification workstream were supported by G. Rich and Y. Kerzner. - J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree B. Zhang. - K. Hornland provided input on the Data Inventory workstream.	0.7	
Garrett Dupree	12/03/19	Meeting with G. Vadathu, F. Molina, K. Muppa, D. Gaurav (PG&E), G. Rich, J. Conkel, T. Sedgwick, K. Hornland, B. Zhang, Y. Kerzner (KPMG) to discuss status of the De-Identification, Data Loss Prevention, Data Inventory workstreams, and access issues around appropriate security groups that are currently affecting both the De-Identification / Data Loss prevention workstreams. (T. Sedgwick led conversations on both workstreams. - De-Identification workstream were supported by G. Rich and Y. Kerzner. - J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree B. Zhang. - K. Hornland provided input on the Data Inventory workstream.	0.7	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	12/03/19	Meeting with G. Vadathu, F. Molina, K. Muppa, D. Gaurav (PG&E), G. Rich, J. Conkel, T. Sedgwick, K. Hornland, G. Dupree, B. Zhang (KPMG) to discuss status of the De-Identification, Data Loss Prevention, Data Inventory workstreams, and access issues around appropriate security groups that are currently affecting both the De-Identification / Data Loss prevention workstreams. (T. Sedgwick led conversations on both workstreams. - De-Identification workstream were supported by G. Rich and Y. Kerzner. - J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree B. Zhang. - K. Hornland provided input on the Data Inventory workstream.	0.7	
Bob Zhang	12/03/19	Meeting with G. Vadathu, F. Molina, K. Muppa, D. Gaurav (PG&E), G. Rich, J. Conkel, T. Sedgwick, K. Hornland, G. Dupree, Y. Kerzner (KPMG) to discuss status of the De-Identification, Data Loss Prevention, Data Inventory workstreams, and access issues around appropriate security groups that are currently affecting both the De-Identification / Data Loss prevention workstreams. (T. Sedgwick led conversations on both workstreams. - De-Identification workstream were supported by G. Rich and Y. Kerzner. - J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree B. Zhang. - K. Hornland provided input on the Data Inventory workstream.	0.7	
Yosef Kerzner	12/03/19	Discussion to review email chain concerning the de-association of QA servers from the appropriate security group and discussing the next steps to correct this issues with D. Gaurav and K. Muppa (PG&E).	0.8	
Gary Rich	12/03/19	Meeting with S. Yem, M. Cameron, C. Mattos, D. Gaurav (PG&E), T. Sedgwick, Y. Kerzner (KPMG) to review revised draft of Disaster Recovery Plan with Disaster Recovery PG&E lead, obtain feedback on required sections / current draft. Action items included making recommended changes to the document and providing them to the Disaster Recovery PG&E lead for review via email.	0.9	
Toby Sedgwick	12/03/19	Meeting with S. Yem, M. Cameron, C. Mattos, D. Gaurav (PG&E), G. Rich, Y. Kerzner (KPMG) to review revised draft of Disaster Recovery Plan with Disaster Recovery PG&E lead, obtain feedback on required sections / current draft. Action items included making recommended changes to the document and providing them to the Disaster Recovery PG&E lead for review via email.	0.9	

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Yosef Kerzner	12/03/19	Meeting with S. Yem, M. Cameron, C. Mattos, D. Gaurav (PG&E), T. Sedgwick, G. Rich (KPMG) to review revised draft of Disaster Recovery Plan with Disaster Recovery PG&E lead, obtain feedback on required sections / current draft. Action items included making recommended changes to the document and providing them to the Disaster Recovery PG&E lead for review via email.	0.9	
Michael Gomez	12/03/19	Reviewed, as of 12/03/19, the initial data loss prevention scanning test results for unstructured network attached storage repositories (files shares). (.6) Reviewed, as of 12/03/19, the initial draft of data loss prevention scanning playbook. (.4)	1.0	
Bob Zhang	12/03/19	Prepare screenshots of scan collection process for Data Inventory Playbook.	1.0	
Kristy Hornland	12/03/19	Meeting with G. Dupree, T. Sedgwick, B. Zhang (KPMG) for a Data Inventory process drafting session, specifically discuss updates to Unstructured Scan Results template, and draft of Data Inventory and Maintenance Playbook.	1.1	
Toby Sedgwick	12/03/19	Meeting with G. Dupree, K. Hornland, B. Zhang (KPMG) for a Data Inventory process drafting session, specifically discuss updates to Unstructured Scan Results template, and draft of Data Inventory and Maintenance Playbook.	1.1	
Bob Zhang	12/03/19	Meeting with G. Dupree, K. Hornland, and T. Sedgwick (KPMG) for a Data Inventory process drafting session, specifically discuss updates to Unstructured Scan Results template, and draft of Data Inventory and Maintenance Playbook.	1.1	
Toby Sedgwick	12/03/19	Meeting with G. Dupree, K. Hornland, B. Zhang (KPMG) for a Data Inventory process drafting session, specifically discuss updates to Unstructured Scan Results template, and draft of Data Inventory and Maintenance Playbook.	1.1	
Yosef Kerzner	12/03/19	Prepare communication to update G. Rich (KPMG) with all the items discussed the previous day, via an email summarizing all the active tasks / noted items.	1.1	
Yosef Kerzner	12/03/19	Identifying application owners of selected applications that have Oracle databases, concurrently drafting email to them requesting information regarding ability to clone their Oracle database.	1.2	
Josh Conkel	12/03/19	Resubmitted firewall exception request to allow communication required for grid scanning in the data loss prevention test environment.	1.3	
Kristy Hornland	12/03/19	Meeting with T. Sedgwick (KPMG) to walk through the initial approach for extracting DLP reports to fit into the data inventory maintenance and remediation playbook, noting that B. Zhang should take screenshots of steps and incorporate into existing document.	1.5	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	12/03/19	Meeting with K. Hornland (KPMG) to walk through the initial approach for extracting DLP reports to fit into the data inventory maintenance and remediation playbook, noting that B. Zhang should take screenshots of steps and incorporate into existing document.	1.5	
Bob Zhang	12/03/19	Updated, as of 12/03/19, the unstructured scan results within scan results template.	1.5	
Bob Zhang	12/03/19	Created report for unstructured scan results document.	2.0	
Bob Zhang	12/03/19	Collected scan results, as of 12/3, from test unstructured scan repositories.	2.4	
Garrett Dupree	12/03/19	Updated, as of 12/03/19, the visual basic script for sorting the DLP test scan results to include a feature where the number of rows referenced for generating a summary report is automatically calculated based on the number of elements that are imported into the spreadsheet.	2.7	
Garrett Dupree	12/03/19	Created a visual basic script for sorting the DLP test scans results that converts the raw data extracted from Symantec DLP into a format excel can digest / organize based on the incident to filter unwanted, hidden characters from / within the incident reports.	2.8	
Garrett Dupree	12/03/19	Updated, as of 12/03/19, the DLP performance test results spreadsheet received from B. Zhang (KPMG) to include advanced filters for identifying incidents below, in between, and above a desired threshold as this is important for canvassing the test results that reveal storage locations where large amounts of sensitive data is being stored.	2.8	
Kristy Hornland	12/03/19	Updating, as of 12/03/19, the Collibra DR plan based on provided guidance from de-identification workstream document update.	3.3	
Kristy Hornland	12/03/19	Continue, from earlier on 12/03/19, updating the Collibra DR plan based on provided guidance from de-identification workstream document update.	3.2	
Gary Rich	12/04/19	Communication with Y. Kerzner (KPMG) regarding de-identification tasks as of 12/4, next steps .	0.3	
Yosef Kerzner	12/04/19	Draft follow-up via email with D. Gaurav (PG&E) concerning whether there were additional Oracle DBAs with whom we would be able to work when connecting to selected applications' lower-level environments.	0.3	
Gary Rich	12/04/19	Meeting with V. Wong, K. Muppa, D. Gaurav (PG&E), Y. Kerzner, T. Sedgwick (KPMG) to discuss potential to extract data from selected applications' lower-level environments into our SQL testing database, resolved instead of engaging application owners of selected applications that V. Wong would be provided with requested customer data elements to extract from various SQL databases or generate using value generators.	0.3	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	12/04/19	Meeting with V. Wong, K. Muppa, D. Gaurav (PG&E), G. Rich, T. Sedgwick (KPMG) to discuss potential to extract data from selected applications' lower-level environments into our SQL testing database, resolved instead of engaging application owners of selected applications that V. Wong would be provided with requested customer data elements to extract from various SQL databases or generate using value generators.	0.3	
Toby Sedgwick	12/04/19	Meeting with V. Wong, K. Muppa, D. Gaurav (PG&E), G. Rich, Y. Kerzner (KPMG) to discuss potential to extract data from selected applications' lower-level environments into our SQL testing database, resolved instead of engaging application owners of selected applications that V. Wong would be provided with requested customer data elements to extract from various SQL databases or generate using value generators.	0.3	
Yosef Kerzner	12/04/19	Aggregated / sent requested customer data elements to be generated or obtained by V. Wong (PG&E) for inclusion in the Data De-Identification test SQL database.	0.4	
Yosef Kerzner	12/04/19	Discussion with D. Gaurav (PG&E) regarding including K. Cook (PG&E) and K. Muppa (PG&E) on De-Identification-related emails going forward, transitioning his knowledge regarding Data De-Identification to K. Muppa (PG&E), and additional operational knowledge of De-Identification.	0.4	
Michael Gomez	12/04/19	Review, as of 12/04/19, the DataGuise technical run book to gain insight.	0.5	
Michael Gomez	12/04/19	Discussed strategy for testing data loss prevention scan capabilities on personal drive shares as well as testing grid scanning with T. Sedgwick (KPMG).	0.5	
Toby Sedgwick	12/04/19	Discussed strategy for testing data loss prevention scan capabilities on personal drive shares as well as testing grid scanning with M. Gomez (KPMG).	0.5	
Yosef Kerzner	12/04/19	Corresponded with D. Gaurav (PG&E) regarding username / password created for me to access the DataGuise proof of concept environment, verifying, and confirming that it works with the greater PG&E team.	0.6	
Garrett Dupree	12/04/19	Meeting with G. Vadathu, K. Muppa, D. Gaurav, N. Ranganathan, K. Cook (PG&E), T. Sedgwick, Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams, Data Loss Prevention go-no-go, handover documentation, progress of Firewall Exception Requests for both workstreams, and incorporating installation steps to Data De-Identification documentation.	0.8	

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Toby Sedgwick	12/04/19	Meeting with G. Vadathu, K. Muppa, D. Gaurav, N. Ranganathan, K. Cook (PG&E), G. Dupree, Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams, Data Loss Prevention go-no-go, handover documentation, progress of Firewall Exception Requests for both workstreams, and incorporating installation steps to Data De-Identification documentation.	0.8	
Yosef Kerzner	12/04/19	Meeting with G. Vadathu, K. Muppa, D. Gaurav, N. Ranganathan, K. Cook (PG&E), G. Dupree, T. Sedgwick (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams, Data Loss Prevention go-no-go, handover documentation, progress of Firewall Exception Requests for both workstreams, and incorporating installation steps to Data De-Identification documentation.	0.8	
Bob Zhang	12/04/19	Continue, as of 12/4, to create report for unstructured scan results document.	1.0	
Kristy Hornland	12/04/19	Review, as of 12/04/19, approach for inventory maintenance and thresholds and communication to B. Zhang (KPMG) regarding progress of draft for new process in preparation for meeting on 12/5.	1.1	
Kristy Hornland	12/04/19	Meeting with B. Zhang, G. Dupree (KPMG) to discuss the required elements and desired summary reports for canvassing the Data Loss Prevention performance test results deliverable and the steps required to reproduce the report, which will be utilized within the Data Inventory maintenance playbook deliverable. (partial attendance)	1.2	
Yosef Kerzner	12/04/19	Incorporated recommended changes to the Disaster Recovery Plan draft as provided by M. Cameron (PG&E) during previous day's meeting, (1.1) and sent to M. Cameron (PG&E) for her review (.1).	1.2	
Kristy Hornland	12/04/19	Continue, as of 12/04/19, updating content in the Colibra DR plan to reflect current status and reviewing content provided from F. Molina (PG&E).	1.3	
Bob Zhang	12/04/19	Meeting with K. Hornland, G. Dupree (KPMG) to discuss the required elements and desired summary reports for canvassing the Data Loss Prevention performance test results deliverable and the steps required to reproduce the report, which will be utilized within the Data Inventory maintenance playbook deliverable.	1.4	
Garrett Dupree	12/04/19	Meeting with K. Hornland, B. Zhang (KPMG) to discuss the required elements and desired summary reports for canvassing the Data Loss Prevention performance test results deliverable and the steps required to reproduce the report, which will be utilized within the Data Inventory maintenance playbook deliverable.	1.4	

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Bob Zhang	12/04/19	Continue, as of 12/4, to prepare screenshots of scan collection process for Data Inventory Playbook.	1.5	
Bob Zhang	12/04/19	Updated, as of 12/04/19, the unstructured scan results within scan results template.	1.5	
Yosef Kerzner	12/04/19	Researched potential data generation resources for fake customer data elements to be used by V. Wong (PG&E) for inclusion in the Data De-Identification test SQL database focusing on PG&E specifics, concurrently generated fake social security / credit card numbers to provide this data to V. Wong (PG&E) directly.	1.5	
Bob Zhang	12/04/19	Collected scan results, as of 12/4, from test unstructured scan repositories.	2.0	
Bob Zhang	12/04/19	Updates, as of 12/04/19, to Data Inventory and Maintenance Playbook.	2.0	
Kristy Hornland	12/04/19	Reviewing, as of 12/04/19, the current DLP reports for pulling into inventory maintenance / remediation playbook.	2.1	
Garrett Dupree	12/04/19	Updated, as of 12/04/19, the DLP technical runbook deliverable to include descriptions for modifying existing policies, which includes defining both include / exclude match conditions in order to communicate the process in which false positives are remediated within the DLP system.	2.2	
Garrett Dupree	12/04/19	Updated, as of 12/04/19, the DLP technical runbook deliverable to include the informational requirements / steps for both creating / implementing new DLP rules based on the elements found within the Exact Data Match indexes.	2.6	
Kristy Hornland	12/04/19	Updating, as of 12/04/19, the content in the Collibra DR plan to reflect current status, concurrently reviewing content provided from F. Molina (PG&E).	3.0	
Garrett Dupree	12/04/19	Updated, as of 12/04/19, the DLP technical runbook deliverable to denote the process for creating a new policy in Symantec DLP that leverages the Exact Data Match index for scanning which includes capturing / including screenshots for denoting this process.	3.3	
Gary Rich	12/05/19	Communication with Y. Kerzner (KPMG) to discuss de-identification tasks/next steps as of 12/5	0.3	
Kristy Hornland	12/05/19	Meeting with Y. Kerzner (PG&E) to discuss weekly progress on Data De-Identification workstream for inclusion into weekly status reporting	0.3	
Yosef Kerzner	12/05/19	Meeting with K. Hornland (PG&E) to discuss weekly progress on Data De-Identification workstream for inclusion into weekly status reporting	0.3	

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Name	Date	Description	Hours	Amount
Kristy Hornland	12/05/19	Meeting with G. Dupree (KPMG) to update weekly status report in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream.	0.5	
Garrett Dupree	12/05/19	Meeting with K. Hornland (KPMG) to update weekly status report in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream.	0.5	
Kristy Hornland	12/05/19	Meeting with J. Conkel, G. Dupree, B. Zhang (KPMG) to review the generated Data Loss Prevention performance test results reports to identify any missing items and alterations needed to better illustrate the results of the scans before reviewing with G. Vadathu, T. Howe (PG&E).	0.5	
Bob Zhang	12/05/19	Meeting with J. Conkel, K. Hornland, G. Dupree (KPMG) to review the generated Data Loss Prevention performance test results reports to identify any missing items and alterations needed to better illustrate the results of the scans before reviewing with G. Vadathu, T. Howe (PG&E).	0.5	
Josh Conkel	12/05/19	Meeting with G. Dupree, K. Hornland, B. Zhang (KPMG) to review the generated Data Loss Prevention performance test results reports to identify any missing items and alterations needed to better illustrate the results of the scans before reviewing with G. Vadathu, T. Howe (PG&E).	0.5	
Garrett Dupree	12/05/19	Meeting with J. Conkel, K. Hornland, B. Zhang (KPMG) to review the generated Data Loss Prevention performance test results reports to identify any missing items and alterations needed to better illustrate the results of the scans before reviewing with G. Vadathu, T. Howe (PG&E).	0.5	
Josh Conkel	12/05/19	Meeting with T. Howe, G. Vadathu (PG&E), G. Dupree (KPMG) to discuss the Data Loss Prevention performance tests against personal drive shares as outlined in the test plan, a decision was made to exclude these locations from scans and instead acquire five additional network attached storage locations to scan to supplement the change in targets.	0.6	
Garrett Dupree	12/05/19	Meeting with T. Howe, G. Vadathu (PG&E), J. Conkel (KPMG) to discuss the Data Loss Prevention performance tests against personal drive shares as outlined in the test plan, a decision was made to exclude these locations from scans and instead acquire five additional network attached storage locations to scan to supplement the change in targets.	0.6	
Bob Zhang	12/05/19	Collected scan results, as of 12/5, from test unstructured scan repositories.	1.0	
Bob Zhang	12/05/19	Prepared report, as of 12/5, for unstructured scan results document.	1.0	

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Josh Conkel	12/05/19	Meeting with J. Bonilla, S. Polo, A. Jethnani (Palo Alto), C. Yee, T. Howe, G. Vadathu, S. Hopkins, C. Kantar (PG&E), T. Sedgwick (KPMG) to review Prisma Software as a Service Cloud Access Security Broker product and determine if it fits the needs of the PG&E data security program office data loss prevention activities.	1.5	
Toby Sedgwick	12/05/19	Meeting with J. Bonilla, S. Polo, A. Jethnani (Palo Alto), C. Yee, T. Howe, G. Vadathu, S. Hopkins, C. Kantar (PG&E), J. Conkel (KPMG) to review Prisma Software as a Service Cloud Access Security Broker product and determine if it fits the needs of the PG&E data security program office data loss prevention activities.	1.5	
Bob Zhang	12/05/19	Updated, as of 12/05/19, the unstructured scan results within scan results template.	1.5	
Bob Zhang	12/05/19	Continue, as of 12/5, to prepare screenshots of scan collection process for Data Inventory Playbook.	1.5	
Kristy Hornland	12/05/19	Updates, as of 12/05/19, to the Collibra planning spreadsheet to determine next steps for upcoming week.	1.9	
Josh Conkel	12/05/19	Performed analysis of existing data loss prevention capabilities, concurrently comparing them to the feature set of the Prisma Cloud Access Security Broker.	2.1	
Kristy Hornland	12/05/19	Updates, as of 12/05/19, to the existing DR plan based on feedback received from De-ID workstream.	2.1	
Kristy Hornland	12/05/19	Updates, as of 12/05/19, to the weekly status, concurrently preparing an email for Friday submission to PG&E stakeholders.	2.1	
Yosef Kerzner	12/05/19	Updated, as of 12/05/19, the Runguide to incorporate additional information from ongoing Prerequisite gathering for QA DataGuise installation. (1.5) Updated, as of 12/05/19, the checklist, concurrently following-up on items relating to appropriate security groups / necessary SSL certificates for QA installation environment. (.7)	2.2	
Garrett Dupree	12/05/19	Updated, as of 12/05/19, the DLP playbook deliverable to include sections for denoting the configurations required for setting up the grid scanning feature within the DLP system as well as sections for integrating the use of this feature when setting up new scanning targets.	1.9	
Bob Zhang	12/05/19	Updates, as of 12/05/19, to the Data Inventory and Maintenance Playbook.	2.5	
Josh Conkel	12/05/19	Performed project planning activities for expansion of data loss prevention to the desktop in 2020 as a continuation of the existing program activities.	3.1	
Yosef Kerzner	12/06/19	Meeting with D. Gaurav, K. Muppa (PG&E), G. Rich (KPMG) to review QA and Prod installation checklists and update the spreadsheets tracking the progress towards the QA installation.	0.4	

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Name	Date	Description	Hours	Amount
Gary Rich	12/06/19	Meeting with D. Gaurav, K. Muppa (PG&E), Y. Kerzner (KPMG) to review QA and Prod installation checklists and update the spreadsheets tracking the progress towards the QA installation.	0.4	
Yosef Kerzner	12/06/19	Meeting with T. Howe, C. Mattos, D. Gaurav (PG&E), P. Sharma, J. Peters, A. Kumar (DataGuise), G. Rich (KPMG) to discuss progress towards QA installation of DataGuise tool and C. Mattos provided updates on the load balancer firewall exception request over port 10182 which has not been completed yet, so QA installation may not proceed.	0.4	
Gary Rich	12/06/19	Meeting with T. Howe, C. Mattos, D. Gaurav (PG&E), P. Sharma, J. Peters, A. Kumar (DataGuise), Y. Kerzner (KPMG) to discuss progress towards QA installation of DataGuise tool and C. Mattos provided updates on the load balancer firewall exception request over port 10182 which has not been completed yet, so QA installation may not proceed.	0.4	
Michael Gomez	12/06/19	Principal review, as of 12/06/19, the draft DataGuise application disaster recovery plan, concurrently providing comments. (.2) Principal review, as of 12/06/19, of the Collibra draft application disaster recovery plan. (.2)	0.4	
Yosef Kerzner	12/06/19	Meeting with D. Gaurav, K. Su (PG&E) to discuss changes that need to be made to the Oracle database server in the Proof-of-concept DataGuise environment to align with PG&E standards as is a pre-requisite to ensure that the Oracle database server and associated Oracle database can be utilized for testing.	0.5	
Josh Conkel	12/06/19	Meeting with G. Dupree (KPMG) to discuss / implement the revisions / additions gathered from the previous review (on 12/6) with B. Spell (PG&E) and K. Muppa (PG&E).	0.5	
Garrett Dupree	12/06/19	Meeting with J. Conkel (KPMG) to discuss / implement the revisions / additions gathered from the previous review (on 12/6) with B. Spell (PG&E) and K. Muppa (PG&E).	0.5	
Bob Zhang	12/06/19	Meeting with K. Cook, D. Graves (PG&E), T. Sedgwick (KPMG) for follow-up to the previous meeting regarding the Data Inventory Maintenance and Remediation process and share updates to the Data Inventory Maintenance and Remediation Playbook, and Unstructured Scan Results process.	0.5	
Toby Sedgwick	12/06/19	Meeting with K. Cook, D. Graves (PG&E), B. Zhang (KPMG) for follow-up to the previous meeting regarding the Data Inventory Maintenance and Remediation process and share updates to the Data Inventory Maintenance and Remediation Playbook, and Unstructured Scan Results process.	0.5	

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Name	Date	Description	Hours	Amount
Gary Rich	12/06/19	Meeting with D. Graves, D. Gaurav, C. Mattos, K. Cook, J. Ignatius, J. Antony, K. Su (PG&E), T. Sedgwick, Y. Kerzner (KPMG) to discuss changing schema of existing Oracle Proof-of-concept database and importing data for Data De-Identification testing purposes and resolved to send J. Antony (PG&E) information regarding the project for delivery to the CC&B team.	0.6	
Toby Sedgwick	12/06/19	Meeting with D. Graves, D. Gaurav, C. Mattos, K. Cook, J. Ignatius, J. Antony, K. Su (PG&E), G. Rich, Y. Kerzner (KPMG) to discuss changing schema of existing Oracle Proof-of-concept database and importing data for Data De-Identification testing purposes and resolved to send J. Antony (PG&E) information regarding the project for delivery to the CC&B team.	0.6	
Yosef Kerzner	12/06/19	Meeting with D. Graves, D. Gaurav, C. Mattos, K. Cook, J. Ignatius, J. Antony, K. Su (PG&E), T. Sedgwick, G. Rich (KPMG) to discuss changing schema of existing Oracle Proof-of-concept database and importing data for Data De-Identification testing purposes and resolved to send J. Antony (PG&E) information regarding the project for delivery to the CC&B team.	0.6	
Toby Sedgwick	12/06/19	Project status update, as of 12/06/19, with M. Gomez (KPMG) to discuss project achievements, upcoming deliverables, and risks and issues	0.6	
Michael Gomez	12/06/19	Project status update, as of 12/06/19, with T. Sedgwick (KPMG) to discuss project achievements, upcoming deliverables, and risks and issues	0.6	
Garrett Dupree	12/06/19	Aggregate the weekly accomplishments / goals for next week relevant to the Data Loss Prevention work stream at the request of G. Vadathu (PG&E) (.9) and distribute to KPMG /PG&E teams (.1).	1.0	
Yosef Kerzner	12/06/19	Incorporated additional changes to run guide with more information regarding ongoing as a prerequisite gathering for QA DataGuise installation.	1.0	
Gary Rich	12/06/19	Meeting with D. Gaurav, G. Vadathu, and C. Mattos (PG&E) to discuss CCMB and database schema for de-identification project.	1.0	
Garrett Dupree	12/06/19	Meeting with B. Spell, K. Muppa (PG&E), T. Sedgwick, J. Conkel (KPMG) to review the Data Loss Prevention Technical Runbook with the Data Security Program Office members for initial approval before reviewing with G. Vadathu and T. Howe (PG&E).	1.1	
Toby Sedgwick	12/06/19	Meeting with B. Spell, K. Muppa (PG&E), G. Dupree, J. Conkel (KPMG) to review the Data Loss Prevention Technical Runbook with the Data Security Program Office members for initial approval before reviewing with G. Vadathu and T. Howe (PG&E).	1.1	

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Name	Date	Description	Hours	Amount
Josh Conkel	12/06/19	Meeting with B. Spell, K. Muppa (PG&E), G. Dupree, T. Sedgwick (KPMG) to review the Data Loss Prevention Technical Runbook with the Data Security Program Office members for initial approval before reviewing with G. Vadathu and T. Howe (PG&E).	1.1	
Bob Zhang	12/06/19	Meeting with R. Carillo (Collibra), W. Xie, B. Spell (PG&E), T. Sedgwick, J. Conkel, K. Hornland, G. Dupree (KPMG) to install the Collibra application across the servers within the quality assurance environment.	1.2	
Garrett Dupree	12/06/19	Meeting with R. Carillo (Collibra), W. Xie, B. Spell (PG&E), T. Sedgwick, J. Conkel, K. Hornland, B. Zhang (KPMG) to install the Collibra application across the servers within the quality assurance environment.	1.2	
Kristy Hornland	12/06/19	Meeting with R. Carillo (Collibra), W. Xie, B. Spell (PG&E), T. Sedgwick, J. Conkel, G. Dupree, B. Zhang (KPMG) to install the Collibra application across the servers within the quality assurance environment.	1.2	
Toby Sedgwick	12/06/19	Meeting with R. Carillo (Collibra), W. Xie, B. Spell (PG&E), K. Hornland, J. Conkel, G. Dupree, B. Zhang (KPMG) to install the Collibra application across the servers within the quality assurance environment.	1.2	
Josh Conkel	12/06/19	Meeting with R. Carillo (Collibra), W. Xie, B. Spell (PG&E), K. Hornland, T. Sedgwick, G. Dupree, B. Zhang (KPMG) to install the Collibra application across the servers within the quality assurance environment.	1.2	
Bob Zhang	12/06/19	Continue, as of 12/6, preparation of screenshots of scan collection process for Data Inventory Playbook.	1.5	
Yosef Kerzner	12/06/19	Aggregate information from Scope and Charter document for introductory email for Oracle support team / to be sent to PG&E CC&B team for assistance.	1.7	
Yosef Kerzner	12/06/19	Updated, as of 12/06/19, the QA / Production installation checklists by separating out the Pre-Requisites that are currently occupying the team's focus / the actual checklist that will be used during the second / further installation sessions, as well as creating more granular line items to associate with individual email chains that are being tracked.	2.0	
Bob Zhang	12/06/19	Updated, as of 12/06/19, the unstructured scan results within scan results template.	2.0	
Garrett Dupree	12/06/19	Updated, as of 12/06/19, the DLP Technical Runbook deliverable to include the web based straining requirements / course numbers for obtaining access to the Symantec DLP test system, concurrently incorporating the specific security group identification number used for approving new user access to the test system.	2.5	

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Garrett Dupree	12/06/19	Updated, as of 12/06/19, the DLP Technical Runbook deliverable to include document references to the DLP solution blueprint as well as the new paths / relative screen shots that reflect the updated directories for storing the Human Resources indexed information since Symantec DLP had been upgraded since that runbook section was originally drafted.	2.8	
Bob Zhang	12/06/19	Updates, as of 12/06/19, to the Data Inventory and Maintenance Playbook.	3.0	
Yosef Kerzner	12/09/19	Meeting with T. Sedgwick (KPMG) to review next steps in regards to DataGuise implementation.	0.2	
Toby Sedgwick	12/09/19	Meeting with Y. Kerzner (KPMG) to review next steps in regards to DataGuise implementation.	0.2	
Yosef Kerzner	12/09/19	Communication to follow-up with M. Camerone (PG&E) requesting her review the Disaster Recovery Plan draft provided the previous week.	0.4	
Gary Rich	12/09/19	Communication with Y. Kerzner (KPMG) regarding work stream, identification of the key tasks-in-motion and pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results and complete the go / no go checklist.	0.4	
Yosef Kerzner	12/09/19	Drafted email to relevant KPMG team members with information obtained regarding MHP / FORS applications.	0.4	
Yosef Kerzner	12/09/19	Perform planning for the installation needs to complete the DataGuise QA implementation per T. Sedgwick (KPMG) recommendations.	0.4	
Bob Zhang	12/09/19	Meeting with K. Muppa, K. Cook, D. Gaurav, G. Vadathu, and T. Howe (PG&E) for sync-up with CCPA team to discuss results, challenges, and procedure of California Consumer Privacy Act scanning of structured databases.	0.5	
Kristy Hornland	12/09/19	Senior associate review, as of 12/09/19, of B. Zhang's (KPMG) contributions to the data inventory maintenance and remediation playbook process flow.	0.5	
Yosef Kerzner	12/09/19	Collection of information regarding applications with Oracle DBs	0.6	
Gary Rich	12/09/19	Meeting with C. Mattos, D. Gaurav, S. Yem, D. Graves, K. Muppa, K. Su, J. Antony, J. Ignatius (PG&E), Y. Kerzner, T. Sedgwick (KPMG) to discuss updating the contents of the test Oracle database to be used to verify the functionality of the DataGuise tool and resolved to send technical server information regarding the applications selected for de-identification to the assigned Oracle DBAs.	0.6	

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Yosef Kerzner	12/09/19	Meeting with C. Mattos, D. Gaurav, S. Yem, D. Graves, K. Muppa, K. Su, J. Antony, J. Ignatius (PG&E), G. Rich, T. Sedgwick (KPMG) to discuss updating the contents of the test Oracle database to be used to verify the functionality of the DataGuise tool and resolved to send technical server information regarding the applications selected for de-identification to the assigned Oracle DBAs.	0.6	
Toby Sedgwick	12/09/19	Meeting with C. Mattos, D. Gaurav, S. Yem, D. Graves, K. Muppa, K. Su, J. Antony, J. Ignatius (PG&E), G. Rich, Y. Kerzner (KPMG) to discuss updating the contents of the test Oracle database to be used to verify the functionality of the DataGuise tool and resolved to send technical server information regarding the applications selected for de-identification to the assigned Oracle DBAs.	0.6	
Yosef Kerzner	12/09/19	Communication with T. Sedgwick (KPMG) on how to send V. Wong (PG&E) test SQL data for our test SQL database to work with QA (.2), and generated the data using scripts (.5).	0.7	
Yosef Kerzner	12/09/19	Discussion with V. Wong (PG&E) regarding the request to import data into the test SQL database (.6) and emailed him the server name (.1).	0.7	
Yosef Kerzner	12/09/19	Meeting with G. Dupree, G. Rich, J. Conkel, B. Zhang, T. Sedgwick (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick B. Zhang identified the key tasks-in-motion / pending deliverable items for the Data Inventorywork stream. J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results / complete the go / no go checklist. Y. Kerzner and G. Rich identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations	0.7	

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Josh Conkel	12/09/19	Meeting with G. Dupree, G. Rich, T. Sedgwick, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick B. Zhang identified the key tasks-in-motion / pending deliverable items for the Data Inventorywork stream. J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results / complete the go / no go checklist. Y. Kerzner and G. Rich identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	
Yosef Kerzner	12/09/19	Meeting with T. Sedgwick (KPMG) on how to send V. Wong (PG&E) test SQL data for our test SQL database to work with QA, and generated the data using scripts.	0.7	

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Gary Rich	12/09/19	Meeting with T. Sedgwick, G. Dupree, J. Conkel, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick B. Zhang identified the key tasks-in-motion / pending deliverable items for the Data Inventorywork stream. J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results / complete the go / no go checklist. Y. Kerzner and G. Rich identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	
Garrett Dupree	12/09/19	Meeting with T. Sedgwick, G. Rich, J. Conkel, B. Zhang, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick B. Zhang identified the key tasks-in-motion / pending deliverable items for the Data Inventorywork stream. J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results / complete the go / no go checklist. Y. Kerzner and G. Rich identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	

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Name	Date	Description	Hours	Amount
Bob Zhang	12/09/19	Meeting with T. Sedgwick, G. Rich, J. Conkel, G. Dupree, Y. Kerzner (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick B. Zhang identified the key tasks-in-motion / pending deliverable items for the Data Inventorywork stream. J. Conkel, G. Dupree identified the key tasks-in-motion / pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results / complete the go / no go checklist. Y. Kerzner and G. Rich identified the key tasks-in-motion / pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	
Toby Sedgwick	12/09/19	Meeting with Y. Kerzner (KPMG) on how to send V. Wong (PG&E) test SQL data for our test SQL database to work with QA, and generated the data using scripts.	0.7	
Kristy Hornland	12/09/19	Prepare outline of key steps for data inventory asset update / policy flagging / remediation processes.	0.7	
Yosef Kerzner	12/09/19	Planning next steps for the week prior to the meeting with the KPMG team at 9:30 AM PST.	0.8	
Yosef Kerzner	12/09/19	Discussion with D. Gaurav, G. Vadathu, and K. Muppa (PG&E) regarding meetings that need to be scheduled and retrieving information from the CCPA database.	1.1	
Gary Rich	12/09/19	Meeting with G. Vadathu, F. Molina, C. Mattos, D. Gaurav, K. Muppa, K. Cook (PG&E), G. Dupree, Y. Kerzner, J. Conkel, B. Zhang, T. Sedgwick (KPMG) to review the status of the Data Loss Prevention, Data Inventory, and Data De-Identification workstreams with the PG&E team. T. Sedgwick led conversations on all workstreams. Conversations on the De-Identification workstream were supported by G. Rich and Y. Kerzner, and encompassed updates on the Firewall Exception Requests / updating the De-Identification information in the application inventory system. J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree	1.3	
		B Zhang		

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Name	Date	Description	Hours	Amount
Yosef Kerzner	12/09/19	Meeting with G. Vadathu, F. Molina, C. Mattos, D. Gaurav, K. Muppa, K. Cook (PG&E), G. Dupree, G. Rich, J. Conkel, B. Zhang, T. Sedgwick (KPMG) to review the status of the Data Loss Prevention, Data Inventory, and Data De-Identification workstreams with the PG&E team. T. Sedgwick led conversations on all workstreams. Conversations on the De-Identification workstream were supported by G. Rich and Y. Kerzner, and encompassed updates on the Firewall Exception Requests / updating the De-Identification information in the application inventory system. J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree	1.3	
Toby Sedgwick	12/09/19	Meeting with G. Vadathu, F. Molina, C. Mattos, D. Gaurav, K. Muppa, K. Cook (PG&E), G. Dupree, G. Rich, J. Conkel, B. Zhang, Y. Kerzner (KPMG) to review the status of the Data Loss Prevention, Data Inventory, and Data De-Identification workstreams with the PG&E team. T. Sedgwick led conversations on all workstreams. Conversations on the De-Identification workstream were supported by G. Rich and Y. Kerzner, and encompassed updates on the Firewall Exception Requests / updating the De-Identification information in the application inventory system. J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree	1.3	
Josh Conkel	12/09/19	Meeting with G. Vadathu, F. Molina, C. Mattos, D. Gaurav, K. Muppa, K. Cook (PG&E), G. Dupree, G. Rich, Y. Kerzner, B. Zhang, T. Sedgwick (KPMG) to review the status of the Data Loss Prevention, Data Inventory, and Data De-Identification workstreams with the PG&E team. T. Sedgwick led conversations on all workstreams. Conversations on the De-Identification workstream were supported by G. Rich and Y. Kerzner, and encompassed updates on the Firewall Exception Requests / updating the De-Identification information in the application inventory system. J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree	1.3	

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Garrett Dupree	12/09/19	Meeting with G. Vadathu, F. Molina, C. Mattos, D. Gaurav, K. Muppa, K. Cook (PG&E), T. Sedgwick, G. Rich, J. Conkel, B. Zhang, Y. Kerzner (KPMG) to review the status of the Data Loss Prevention, Data Inventory, and Data De-Identification workstreams with the PG&E team. T. Sedgwick led conversations on all workstreams. Conversations on the De-Identification workstream were supported by G. Rich and Y. Kerzner, and encompassed updates on the Firewall Exception Requests / updating the De-Identification information in the application inventory system. J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree	1.3	
Bob Zhang	12/09/19	Meeting with G. Vadathu, F. Molina, C. Mattos, D. Gaurav, K. Muppa, K. Cook (PG&E), T. Sedgwick, G. Rich, J. Conkel, G. Dupree, Y. Kerzner (KPMG) to review the status of the Data Loss Prevention, Data Inventory, and Data De-Identification workstreams with the PG&E team. T. Sedgwick led conversations on all workstreams. Conversations on the De-Identification workstream were supported by G. Rich and Y. Kerzner, and encompassed updates on the Firewall Exception Requests / updating the De-Identification information in the application inventory system. J. Conkel provided updates on Data Loss Prevention workstream with support from G. Dupree	1.3	
Toby Sedgwick	12/09/19	Meeting with G. Vadathu (PG&E), J. Conkel, G. Dupree (KPMG) to update the Data Loss Prevention deployment plan to reflect the processes and pending items for deploying the Symantec DLP tool updates to production.	1.4	
Josh Conkel	12/09/19	Meeting with G. Vadathu (PG&E), T. Sedgwick, G. Dupree (KPMG) to update the Data Loss Prevention deployment plan to reflect the processes and pending items for deploying the Symantec DLP tool updates to production.	1.4	
Garrett Dupree	12/09/19	Meeting with G. Vadathu (PG&E), T. Sedgwick and J. Conkel (KPMG) to update the Data Loss Prevention deployment plan to reflect the processes and pending items for deploying the Symantec DLP tool updates to production.	1.4	
Bob Zhang	12/09/19	Created process flow diagram for Data Inventory maintenance / remediation.	1.5	
Toby Sedgwick	12/09/19	Meeting with K. Hornland, B. Zhang (KPMG) to review updates provided by B. Zhang for the Data Inventory playbook and develop a process flow for the Data Inventory workflow.	1.5	
Kristy Hornland	12/09/19	Meeting with T. Sedgwick, B. Zhang (KPMG) to review updates provided by B. Zhang for the Data Inventory playbook and develop a process flow for the Data Inventory workflow.	1.5	

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Bob Zhang	12/09/19	Meeting with K. Hornland, T. Sedgwick (KPMG) to review updates provided by B. Zhang for the Data Inventory playbook and develop a process flow for the Data Inventory workflow.	1.5	
Garrett Dupree	12/09/19	Updated, as of 12/09/19, the DLP technical runbook deliverable to include detailed steps with accompanying screenshots for modifying policy match conditions in Symantec DLP.	1.8	
Bob Zhang	12/09/19	Updated, as of 12/09/19, the Data Inventory playbook by incorporating content to various sections of the playbook as well as reorganizing the layout.	2.0	
Bob Zhang	12/09/19	Updated, as of 12/09/19, the Unstructured Scanning Tracker with new pivot tables as well as incorporating columns for Policy Conflict / Security Classification.	2.0	
Kristy Hornland	12/09/19	Review, as of 12/09/19, of existing DR materials to determine action items required to prepare for 12.12 meeting with client	2.6	
Garrett Dupree	12/09/19	Updated, as of 12/09/19, the DLP technical run book deliverable to include detailed steps depicting how to make a new rule or edit an existing rule in Symantec DLP.	2.7	
Garrett Dupree	12/09/19	Updated, as of 12/09/19, the DLP technical runbook deliverable to include detailed steps depicting how to incorporate exceptions to existing policies / configure the DLP policies to reference specific exact data match indexes for scans.	2.8	
Kristy Hornland	12/09/19	Outlining upcoming deliverables / potential approach for wrapping up data inventory maintenance / remediation playbook, Collibra DR plan, performance test plan, remediation work plan, remediation of a pilot repository or access clean up, and Collibra user run book.	2.7	
Yosef Kerzner	12/10/19	0.1 Follow-up with G. Rich (KPMG) regarding incorporating governance elements into the Runguide document.	0.1	
Yosef Kerzner	12/10/19	0.2 Corresponded with G. Dupree (KPMG) regarding obtaining ownership information of security groups.	0.2	
Yosef Kerzner	12/10/19	0.3 Followed up with C. Mattos (PG&E) regarding an issue accessing one of the QA servers over SSH.	0.3	
Yosef Kerzner	12/10/19	0.3 Searched for user owners of security groups relevant to De-Identification workstream in internal PG&E role-management application for inclusion in the Runguide.	0.3	
Yosef Kerzner	12/10/19	0.4 Conversation with G. Rich (KPMG) to review his additions to the governance section of the Runguide and walk through his expectations on the structure of the Runguide, including elements that could be incorporated from other documents.	0.4	

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Bob Zhang	12/10/19	0.6 Meeting with K. Hornland, T. Sedgwick (KPMG) to discuss remediation approach and creating a document that outlines how remediation will be developed for stakeholders.	0.6	
Kristy Hornland	12/10/19	0.6 Meeting with T. Sedgwick, B. Zhang (KPMG) to discuss approach for remediation process slide deck. Output will be 4 slides detailing remediation activities.	0.6	
Toby Sedgwick	12/10/19	0.6 Meeting with K. Hornland, B. Zhang (KPMG) to discuss approach for remediation process slide deck. Output will be 4 slides detailing remediation activities.	0.6	
Yosef Kerzner	12/10/19	0.7 Perform verification of access to all the different QA / Prod servers in production / non-production security groups.	0.7	
Yosef Kerzner	12/10/19	1.0 Follow-up with application owners regarding cloning their lower-level database for testing the DataGuisse tool.	1.0	
Yosef Kerzner	12/10/19	1.0 Drafted email to D. Gaurav (PG&E) regarding AMPS for MHP and FORS model, why it's not there and how we might escalate.	1.0	
Kristy Hornland	12/10/19	1.2 Review of existing data inventory maintenance and remediation process flow.	1.2	
Bob Zhang	12/10/19	1.6 Updated process flow diagram for Data Inventory Maintenance and Remediation.	1.6	
Bob Zhang	12/10/19	1.5 Updated Unstructured Scanning Tracker with new scanning results, also updating existing fields and layout.	1.5	
Michael Gomez	12/10/19	1.2) Principal review data loss prevention scanning playbook. .8) initial principal review of data inventory Collibra maintenance and remediation playbook	2.0	
Yosef Kerzner	12/10/19	2.0 Updated Runguide - incorporated governance structure provided by G. Rich (KPMG) into Runguide, also incorporating security group ownership information.	2.0	
Yosef Kerzner	12/10/19	2.0 Incorporated scope and charter into Runguide, also incorporating additional revisions relating to project-specific information into runbook.	2.0	
Bob Zhang	12/10/19	2.1 Meeting with K. Hornland, T. Sedgwick (KPMG) to review/ discuss updates to Disaster Recovery Plan for Collibra platform.	2.1	
Garrett Dupree	12/10/19	2.1 Updated the DLP data-at-rest scanning playbook to include detailed steps and accompanying images for obtaining access to the database inventory service.	2.1	
Kristy Hornland	12/10/19	2.4 Continued, as of 12/10, reviewing DR content, concurrently updating DR plan based on feedback from De-Identification team.	2.4	
Garrett Dupree	12/10/19	2.4 Updated the DLP data-at-rest scanning playbook; specifically to include paragraph descriptions for the target maintenance, data repository inventory, and inventory maintenance introductory sections.	2.4	

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Kristy Hornland	12/10/19	2.6 Review of DR plan content with T. Sedgwick, B. Zhang (KPMG). Determined team would need to verify licensing will mirror over on Friday installation call.	2.6	
Toby Sedgwick	12/10/19	2.6 Review of DR plan content with K. Hornland, B. Zhang (KPMG). Determined team would need to verify licensing will mirror over on Friday installation call.	2.6	
Garrett Dupree	12/10/19	3.1 Updated the DLP data-at-rest scanning playbook to include detailed steps for creating the target strings required for targeting the identified structured databases with Symantec DLP. This task was lengthy as a spreadsheet is used to create these strings, so multiple screenshots and accompanying descriptions were needed for referencing within this deliverable.	3.1	
Kristy Hornland	12/10/19	3.3 Continue, as of 12/10, review of DR content, also updating DR plan based on feedback from De-Identification team.	3.3	
Bob Zhang	12/10/19	3.3 Updated Data Inventory playbook by aligning the layout with the process flow diagram, adding sections, and attaching screenshots to specific technical processes.	3.3	
Gary Rich	12/10/19	3.1 Developed first draft of governance sections and implementation roadmap for de-identification program. 0.4 Checkpoint with Y. Kerzner (KPMG)	3.5	
Yosef Kerzner	12/11/19	0.3 Spoke with D. Gaurav (PG&E) regarding potential issues relating to certificate error affecting F5 connectivity with QA environment controller. Resolved to reconvene the following day to discuss.	0.3	
Yosef Kerzner	12/11/19	0.4 Discussed performance matrix drafted by D. Gaurav (PG&E) by request of D. Gaurav (PG&E).	0.4	
Yosef Kerzner	12/11/19	0.4 Drafted email to application owners of Field Order Repository System application with required information as agreed upon in a previous meeting.	0.4	
Toby Sedgwick	12/11/19	0.5 Meeting with A. Chitlangia (PG&E), C. Anton (PG&E), C. Mattos (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), T. Howe (PG&E), H. Perangimalli (PG&E), A. Huang (PG&E), T. Sedgwick, G. Rich , Y. Kerzner (KPMG) to discuss cloning the non-production Oracle databases used by the Field Order Repository System application into the test Oracle database created for the 2018 proof-of-concept, to test the functionality of the DataGuise tool in the QA environment.	0.5	

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Yosef Kerzner	12/11/19	0.5 Meeting with A. Chitlangia (PG&E), C. Anton (PG&E), C. Mattos (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), T. Howe (PG&E), H. Perangimalli (PG&E), A. Huang (PG&E), T. Sedgwick, G. Rich , Y. Kerzner (KPMG) to discuss cloning the non-production Oracle databases used by the Field Order Repository System application into the test Oracle database created for the 2018 proof-of-concept, to test the functionality of the DataGuisse tool in the QA environment.	0.5	
Kristy Hornland	12/11/19	0.5 Meeting with B. Zhang (KPMG), T. Sedgwick (KPMG), to discuss the data inventory maintenance and remediation walkthrough presentation. Team distributed speaking points amongst for presentation.	0.5	
Bob Zhang	12/11/19	0.5 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), K. Cook (PG&E), D. Graves (PG&E), K. Muppa (PG&E), G. Dupree, J. Conkel (KPMG) to review process flow and playbook for Data Inventory Maintenance and Remediation for unstructured data.	0.5	
Bob Zhang	12/11/19	0.5 Meeting with K. Hornland, T. Sedgwick (KPMG) to prepare for meeting with PG&E stakeholders regarding Data Inventory Maintenance and Remediation Playbook.	0.5	
Toby Sedgwick	12/11/19	0.5 Meeting with K. Hornland, B. Zhang (KPMG) to prepare for meeting with PG&E stakeholders regarding Data Inventory Maintenance and Remediation Playbook.	0.5	
Yosef Kerzner	12/11/19	0.5 Verified connections over ports as marked in architecture diagram, using the telnet Linux tool, and marked results in my notes.	0.5	
Yosef Kerzner	12/11/19	0.6 Meeting with G. Rich (KPMG) to discuss updates made to the Runguide and additional changes needed to the document prior to an upcoming meeting to review the document with the PG&E team.	0.6	
Kristy Hornland	12/11/19	0.6 Meeting with T. Howe (PG&E), D. Graves (PG&E), K. Cook (PG&E), G. Vadathu (PG&E), T. Sedgwick, B. Zhang (KPMG) to do initial run-through of data inventory maintenance approach. D. Graves is looking to incorporate the existing approach into their own detailed work plans for CCPA findings.	0.6	
Yosef Kerzner	12/11/19	0.7 Discussed status of QAFirewall Exception Requests and methods to troubleshoot inability to contact the QA DgSecure controller with S. Yem (PG&E).	0.7	
Yosef Kerzner	12/11/19	1.0 Attempted to troubleshoot certificate error by verifying that when certificate files are not present the DgSecure environment simply does not start.	1.0	
Garrett Dupree	12/11/19	1.0 At the request of G. Vadathu (PG&E) aggregated the weekly accomplishments as of 12/11 and goals for next week, relative to the Data Loss Prevention work stream for distribution.	1.0	

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Yosef Kerzner	12/11/19	1.0 Continued, as of 12/11, to enhance information in Runguide including reformulating information regarding QA environment.	1.0	
Bob Zhang	12/11/19	1.0 Meeting with K. Hornland (KPMG) to discuss changes to the playbook and process flow for Data Inventory Maintenance and Remediation.	1.0	
Yosef Kerzner	12/11/19	1.0 Updated architecture diagram to indicate the project goals that will only be accomplished in 2020, for inclusion in the Runguide.	1.0	
Garrett Dupree	12/11/19	1.1 Meeting with B. Spell, N. Kumar, K. Muppa, G. Vadathu, D. Gaurav, T. Howe, C. Mattos, M. Ramirez, K. Cook (PG&E), T. Sedgwick, G. Rich, J. Conkel, Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. G. Dupree (KPMG) provided updates on the Data Loss Prevention workstream which included pending items related to SharePoint and the status of firewall exception requests needed in order to complete DLP tests. Y. Kerzner (KPMG) presented a draft of the runbook with assistance from G. Rich (KPMG) and T. Sedgwick (KPMG) to receive feedback and comments from the PG&E team members.	1.1	
Toby Sedgwick	12/11/19	1.1 Meeting with B. Spell, N. Kumar, K. Muppa, G. Vadathu, D. Gaurav, T. Howe, C. Mattos, M. Ramirez, K. Cook (PG&E), G. Rich, J. Conkel, G. Dupree, Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. G. Dupree (KPMG) provided updates on the Data Loss Prevention workstream which included pending items related to SharePoint and the status of firewall exception requests needed in order to complete DLP tests. Y. Kerzner (KPMG) presented a draft of the runbook with assistance from G. Rich (KPMG) and T. Sedgwick (KPMG) to receive feedback and comments from the PG&E team members.	1.1	
Yosef Kerzner	12/11/19	1.2 Meeting with B. Spell, N. Kumar, K. Muppa, G. Vadathu, D. Gaurav, T. Howe, C. Mattos, M. Ramirez, K. Cook (PG&E), T. Sedgwick, G. Rich, J. Conkel, G. Dupree (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. G. Dupree (KPMG) provided updates on the Data Loss Prevention workstream which included pending items related to SharePoint and the status of firewall exception requests needed in order to complete DLP tests. Y. Kerzner (KPMG) presented a draft of the runbook with assistance from G. Rich (KPMG) and T. Sedgwick (KPMG) to receive feedback and comments from the PG&E team members.	1.2	
Kristy Hornland	12/11/19	1.1 Communication with B. Zhang (KPMG) regarding current state of data inventory maintenance and remediation playbook.	1.1	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	12/11/19	1.1 Continue, as of 12/11, updating the governance model, adding screenshots, also updating language and organization of the RunGuide prior to an upcoming meeting to review with the PG&E team.	1.1	
Josh Conkel	12/11/19	1.2 Meeting with G. Vadathu (PG&E), C. Mattos (PG&E), B. Spell (PG&E), D. Gaurav (PG&E), N. Kumar (PG&E), K. Muppa (PG&E), S. Yem (PG&E), K. Cook (PG&E), D. Graves (PG&E), J. Conkel (KPMG) to discuss updates to Data Loss Prevention and De-Identification workstreams. Participants resolved to schedule reviews with operations team on specific de-identification deliverables, and reviewed and discussed the Data Loss Prevention cloud architecture design.	1.2	
Garrett Dupree	12/11/19	1.5 Updated the DLP data-at-rest scanning playbook to include detailed steps and descriptions for maintaining a list of network file systems across PG&E that are not network attached storage shares.	1.5	
Michael Gomez	12/11/19	(.8) Performed principal review of DLP go-no go checklist. (.6) Performed principal review of DLP scanning results for Customer Care and HR on premise unstructured repositories. (.6) Performed principal review of DLP cloud test results / recommendations for future improvements.	2.0	
Gary Rich	12/11/19	1.1 Meeting with B. Spell, N. Kumar, K. Muppa, G. Vadathu, D. Gaurav, T. Howe, C. Mattos, M. Ramirez, K. Cook (PG&E), T. Sedgwick, G. Rich, J. Conkel, G. Dupree, Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. G. Dupree (KPMG) provided updates on the Data Loss Prevention workstream which included pending items related to SharePoint and the status of firewall exception requests needed in order to complete DLP tests. Y. Kerzner (KPMG) presented a draft of the runbook with assistance from G. Rich (KPMG) and T. Sedgwick (KPMG) to receive feedback and comments from the PG&E team members. 0.4 Checkpoint with Y. Kerzner (KPMG) regarding tasks completed / next steps.	1.5	
Gary Rich	12/11/19	0.5 Meeting with A. Chitlangia (PG&E), C. Anton (PG&E), C. Mattos (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), T. Howe (PG&E), H. Perangimalli (PG&E), A. Huang (PG&E), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to discuss cloning the non-production Oracle databases used by the Field Order Repository System application into the test Oracle database created for the 2018 proof-of-concept, to test the functionality of the DataGuse tool in the QA environment. Resolved to send a list of data required by Oracle database administrators to Anchal to complete and return	0.5	

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Bob Zhang	12/11/19	2.0 Conducted research online regarding test scripts for Collibra Performance Test Plan.	2.0	
Garrett Dupree	12/11/19	2.0 Updated the DLP data-at-rest scanning playbook to include detailed steps and accompanying screenshots for performing policy maintenance where certain data elements may be included or excluded based on the functional testing of the Symantec DLP tool.	2.0	
Bob Zhang	12/11/19	2.0 Updated Unstructured Scanning tracker with new pivot tables for summarization and formula to determine Policy Conflicts based on Classification.	2.0	
Kristy Hornland	12/11/19	2.2 Incorporate updates to data inventory maintenance and remediation process flow.	2.2	
Kristy Hornland	12/11/19	2.3 Incorporate updates to the existing data inventory maintenance presentation based on feedback.	2.3	
Garrett Dupree	12/11/19	2.8 Updated the DLP data-at-rest scanning playbook deliverable to include the process descriptions for maintaining the exact data match indexes within Symantec DLP.	2.8	
Garrett Dupree	12/11/19	2.9 Updated the DLP data-at-rest scanning playbook deliverable to include the inventory steps and procedures for compiling and maintaining a list of network attached storage shares that are formatted for insertion into Symantec DLP.	2.9	
Bob Zhang	12/11/19	3.0 Updated the playbook / process flow for Data Inventory Maintenance and Remediation for unstructured repositories by updating the layout and structure of the document in anticipation of review by T. Howe (PG&E) and G. Vadathu (PG&E).	3.0	
Kristy Hornland	12/11/19	Finalize content in data inventory maintenance (1.6) and remediation (1.5) work plans to then send out to team present on call.	3.1	
Toby Sedgwick	12/12/19	0.4 Conversation with G. Rich (KPMG) with regards to remaining tasks and deliverables for de-identification project as of 12/12	0.4	
Bob Zhang	12/12/19	0.4 Meeting with D. Holstege (PG&E), K. Krishna (PG&E), J. Conkel, K. Hornland, G. Dupree (KPMG) to discuss the current processes and standards for provisioning user access to network file shares to incorporate into the Data Inventory data remediation playbook deliverable.	0.4	
Garrett Dupree	12/12/19	0.4 Meeting with D. Holstege (PG&E), K. Krishna (PG&E), J. Conkel, K. Hornland, B. Zhang (KPMG) to discuss the current processes and standards for provisioning user access to network file shares to incorporate into the Data Inventory data remediation playbook deliverable.	0.4	

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Name	Date	Description	Hours	Amount
Kristy Hornland	12/12/19	0.4 Meeting with D. Holstege (PG&E), K. Krishna (PG&E), J. Conkel, B. Zhang , G. Dupree (KPMG) to discuss the current processes and standards for provisioning user access to network file shares to incorporate into the Data Inventory data remediation playbook deliverable.	0.4	
Josh Conkel	12/12/19	0.4 Meeting with D. Holstege (PG&E), K. Krishna (PG&E), K. Hornland, B. Zhang , G. Dupree (KPMG) to discuss the current processes and standards for provisioning user access to network file shares to incorporate into the Data Inventory data remediation playbook deliverable.	0.4	
Kristy Hornland	12/12/19	0.5 Meeting to discuss the status of the DR Plan with M. Cameron (PG&E), T. Sedgwick (KPMG), B. Zhang (KPMG), F. Molina (PG&E) and updates to be made to the RP4VM sections as a result.	0.5	
Kristy Hornland	12/12/19	0.5 Meeting with T. Sedgwick (KPMG) to discuss status of Collibra install and hindrances on install progress.	0.5	
Bob Zhang	12/12/19	0.9 Meeting with M. Cameron (PG&E), K. Hornland, T. Sedgwick (KPMG) to discuss current state of the Collibra Disaster Recovery deliverable and make revisions to specific fields.	0.9	
Toby Sedgwick	12/12/19	0.9 Meeting with M. Cameron (PG&E), K. Hornland, B. Zhang to discuss current state of the Collibra Disaster Recovery deliverable and make revisions to specific fields.	0.9	
Bob Zhang	12/12/19	1.0 Continued, as of 12/12, to create the Collibra Performance Testing Plan document, concurrently determining which stakeholders were to be included.	1.0	
Bob Zhang	12/12/19	1.0 Revised the Data Inventory Maintenance and Remediation Playbook based on updates requested by DSPO and T. Howe (PG&E)	1.0	
Garrett Dupree	12/12/19	1.0 Meeting with T. Howe (PG&E), B. Spell (PG&E), K. Muppa (PG&E), J. Conkel (KPMG) to review the Data Loss Prevention data-at-rest scanning playbook with stakeholders for feedback and approval.	1.0	
Josh Conkel	12/12/19	Meeting with T. Howe (PG&E), B. Spell (PG&E), K. Muppa (PG&E), G. Dupree to review the Data Loss Prevention data-at-rest scanning playbook with stakeholders for feedback and approval.	1.0	
Gary Rich	12/12/19	0.4 Conversation with T. Sedgwick (KPMG) with regards to remaining tasks and deliverables for de-identification project 1.0 Performed review of Disaster Recovery plan provided by Y. Kerzner (KPMG)	1.4	
Bob Zhang	12/12/19	1.6 Conducted additional research regarding Performance Testing options for Collibra to be included in Performance Testing Plan.	1.6	

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Garrett Dupree	12/12/19	2.3 Updated the DLP data-at-rest scanning playbook deliverable to include process descriptions and relevant scripts for maintaining the full lists of SharePoint site collection target strings that are formatted for importing into Symantec DLP.	2.3	
Kristy Hornland	12/12/19	2.3 Updated the weekly status report, as of 12/12, with DLP, data inventory content.	2.3	
Garrett Dupree	12/12/19	2.4 Updated the data-at-rest scanning playbook deliverable to include steps, descriptions, and applicable screenshots that capture the process for creating new targets and maintaining existing targets that are configured within the Symantec DLP system.	2.4	
Garrett Dupree	12/12/19	2.7 Updated the DLP data-at-rest scanning playbook deliverable to include descriptions and steps for maintaining an inventory of the available cloud repositories that are connected to the cloud access security broker.	2.7	
Bob Zhang	12/12/19	3.0 Continued, from earlier on 12/12, updating the Collibra Performance Testing Plan document and determined which stakeholders were to be included.	3.0	
Yosef Kerzner	12/12/19	1.5 Updated Runguide with an updated architecture diagram indicating which elements were forecasted to be implemented next year. 1.5 Troubleshooting connection issues with DataGuise QA components and ensuring all servers are in the right security group. 0.6 Corresponded with the PG&E team regarding the connection issues, upcoming review meeting. 0.4 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E) to troubleshoot connection issues with DataGuise QA installation.	4.0	
Yosef Kerzner	12/13/19	0.1 Meeting with T. Sedgwick (KPMG) to discuss the approach to the upcoming meeting on the Disaster Recovery Plan.	0.1	
Yosef Kerzner	12/13/19	0.3 Meeting with K. Hornland (KPMG) to review status items as of 12/13 and forecast next week's status items.	0.3	
Yosef Kerzner	12/13/19	0.4 Meeting with S. Yem (PG&E), C. Mattos (PG&E), D. Gaurav (PG&E), J. Peters (DataGuise), S. Inder (DataGuise), T. Sedgwick (KPMG), G. Rich (KPMG), Y. Kerzner (KPMG) for a touchpoint on the progress of the DataGuise installation and discuss the need to properly configure LDAP for authentication.	0.4	
Toby Sedgwick	12/13/19	0.4 Meeting with S. Yem (PG&E), C. Mattos (PG&E), D. Gaurav (PG&E), J. Peters (DataGuise), S. Inder (DataGuise), T. Sedgwick (KPMG), G. Rich (KPMG), Y. Kerzner (KPMG) for a touchpoint on the progress of the DataGuise installation and discuss the need to properly configure LDAP for authentication.	0.4	

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Yosef Kerzner	12/13/19	0.4 Reviewed old work order with D. Gaurav (PG&E) to place proof-of-concept servers into the right security group to configure the QA installation properly.	0.4	
Bob Zhang	12/13/19	0.5 Added new scan results, as of 12/13, to DLP unstructured scanning tracker	0.5	
Yosef Kerzner	12/13/19	0.5 Aggregated status items, as of 12/13, for upcoming weekly progress meeting with K. Hornland (KPMG).	0.5	
Bob Zhang	12/13/19	0.5 Configured / started 12/13 scan for DLP unstructured file share.	0.5	
Bob Zhang	12/13/19	0.5 Updated the DLP scan tracker format in order to provide to Y. Kerzner (KPMG) for review.	0.5	
Bob Zhang	12/13/19	0.6 Continued, as of 12/13, to update the Collibra Performance Test Plan including updating descriptions.	0.6	
Toby Sedgwick	12/13/19	0.60 Meeting with Y. Kerzner, G. Rich (KPMG), C. Mattos (PG&E), D. Gaurav (PG&E), and M. Cameron (PG&E) to discuss updates to disaster recovery plan for de-identification solution.	0.6	
Yosef Kerzner	12/13/19	0.7 Corresponding with Oracle database administrator (A. Huange, PG&E) assigned to work with the De-Identification team to clone an application team's lower-level environment regarding our application selection process and also regarding specifics of the cloning process, taking into consideration data size remaining on the target database.	0.7	
Yosef Kerzner	12/13/19	0.8 Drafted a concise email to Oracle database administrator assigned to work with the De-Identification team to clone an application team's lower-level environment explaining why a specific application was chosen as the source of test data.	0.8	
Yosef Kerzner	12/13/19	0.8 Meeting with G. Vadathu (PG&E), B. Spell (PG&E), C. Mattos (PG&E), M. Cameron (PG&E), K. Muppa (PG&E), T. Sedgwick, G. Rich (KPMG) to review updated De-Identification Disaster Recovery Plan. Resolved to obtain database information from V. Wong (PG&E), among other components that need to be added.	0.8	
Yosef Kerzner	12/13/19	0.8 Meeting with T. Sedgwick, G. Rich (KPMG) to discuss updates to sections of the Disaster Recovery Plan.	0.8	
Yosef Kerzner	12/13/19	1.0 In order to verify presence of V. Wong's data, connected to PoC SQL Server environment noting details of the successful data import.	1.0	
Yosef Kerzner	12/13/19	1.0 Incorporated test plan used during Data Loss Prevention workstream into a document that would be used to record the De-Identification test results.	1.0	
Bob Zhang	12/13/19	1.0 Discussed engagement progress and goals, as of 12/13, with G. Vadathu (PG&E).	1.0	
Yosef Kerzner	12/13/19	1.3 Drafted email with current action items to T. Sedgwick, G. Rich (KPMG) for visibility and to receive any feedback they may have.	1.3	

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Bob Zhang	12/13/19	1.5 Updated the Colibra Disaster Recovery Plan as of 12/13, specifically updating stakeholders.	1.5	
Bob Zhang	12/13/19	3.4 Updated the Colibra Performance Test Plan as of 12/13, specifically updating descriptions.	3.4	
Gary Rich	12/13/19	0.4 Checkpoint with Y. Kerzner (KPMG) as of 12/13 regarding status/ next steps. 2.6 Reviewed / updated draft of technical run-guide provided by Y. Kerzner (KPMG) 0.4 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), P. Sharma (DataGuise), J. Peters (DataGuise), A. Kumar (DataGuise), G. Rich (KPMG), Y. Kerzner (KPMG) to discuss progress towards QA installation of DataGuise tool. C. Mattos (PG&E) provided update on load balancer firewall exception request over port 10182 which has not been completed yet, so QA installation may not proceed. .6 Meeting with Y. Kerzner (KPMG), T. Sedgwick (KPMG), G. Rich (KPMG), C. Mattos (PG&E), D. Gaurav (PG&E), and M. Cameron (PG&E) to discuss updates to disaster recovery plan for de-identification solution.	4.0	
Garrett Dupree	12/13/19	2.2 Updated the DLP data-at-rest scanning playbook deliverable to include detailed steps and accompanying screenshots for generating reports to canvas scan results within Symantec DLP. 2.0 Updated the DLP data-at-rest scanning playbook to include appendices for the referenced information as well as references to supporting deliverables that are documented within the project SharePoint site.	4.2	
Kristy Hornland	12/13/19	2.3 Updates to status for de-identification workstream as of 12/13 for communication to PG&E .2.4 Prepared final draft version of data inventory maintenance and remediation presentation.	4.7	
Josh Conkel	12/13/19	2.8 Conducted scans of unstructured data file locations within the data loss prevention system for use with tracking scan test results.	2.8	
Josh Conkel	12/13/19	2.0 Continued, from earlier on 12/13, to conduct scans of unstructured data file locations within the data loss prevention system for use with tracking scan test results.	2.0	
Yosef Kerzner	12/16/19	0.2 Meeting with T. Sedgwick (KPMG) to review next steps after QA environment troubleshooting including scheduling meetings on Disaster Recovery operations.	0.2	
Toby Sedgwick	12/16/19	0.2 Meeting with Y. Kerzner (KPMG) to review next steps after QA environment troubleshooting including scheduling meetings on Disaster Recovery operations.	0.2	
Toby Sedgwick	12/16/19	0.4 Meeting with Y. Kerzner (KPMG) to review next steps for the week. Directives included meetings that needed to be scheduled and progress on different deliverables-in-motion.	0.4	

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Yosef Kerzner	12/16/19	0.4 Meeting with T. Sedgwick (KPMG) to review next steps for the week. Directives included meetings that needed to be scheduled and progress on different deliverables-in-motion.	0.4	
Yosef Kerzner	12/16/19	0.4 Follow-up with V. Wong (PG&E) to facilitate review of potential SQL database connection needs for incorporation into the Disaster Recovery Plan.	0.4	
Bob Zhang	12/16/19	0.5 Updated the Data Inventory Maintenance and Remediation playbook, including adding additional details on the security classification and policy conflict steps.	0.5	
Bob Zhang	12/16/19	0.5 Meeting with K. Hornland (KPMG) to discuss updates to the Colibra Performance Testing plan.	0.5	
Toby Sedgwick	12/16/19	0.6 Meeting with C. Anton (PG&E), C. Mattos (PG&E), Y. Xia (PG&E), H. Perangimalli (PG&E), A. Huang (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), G. Rich, Y. Kerzner (KPMG) to assist the FORS application developers to understand needs from A. Huang (PG&E) for lower-level database environment cloning.	0.6	
Yosef Kerzner	12/16/19	0.6 Meeting with C. Anton (PG&E), C. Mattos (PG&E), Y. Xia (PG&E), H. Perangimalli (PG&E), A. Huang (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), G. Rich, T. Sedgwick (KPMG) to assist the FORS application developers to understand needs from A. Huang (PG&E) for lower-level database environment cloning.	0.6	
Toby Sedgwick	12/16/19	0.6 Meeting with G. Shintani (PG&E), S. Yem (PG&E), Y. Kerzner (KPMG) to update details of De-Identification application within PG&E's internal application asset tracking product and align with existing Business Impact Analysis that was completed for the De-Identification project.	0.6	
Yosef Kerzner	12/16/19	0.6 Meeting with G. Shintani (PG&E), S. Yem (PG&E), T. Sedgwick (KPMG) to update details of De-Identification application within PG&E's internal application asset tracking product and align with existing Business Impact Analysis that was completed for the De-Identification project.	0.6	
Bob Zhang	12/16/19	0.6 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), K. Hornland, T. Sedgwick (KPMG) to review finalized draft of Colibra Disaster Recovery Plan. Discussed updates based on past meeting with M. Cameron (PG&E) and new organizational structure.	0.6	
Toby Sedgwick	12/16/19	0.6 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), K. Hornland, B. Zhang (KPMG) to review finalized draft of Colibra Disaster Recovery Plan. Discussed updates based on past meeting with M. Cameron (PG&E) and new organizational structure.	0.6	
Yosef Kerzner	12/16/19	0.6 Follow-up with PG&E personnel regarding meetings necessary to review the Disaster Recovery Plan.	0.6	

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Name	Date	Description	Hours	Amount
Bob Zhang	12/16/19	0.7 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick (KPMG) B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream. J. Conkel (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results and the related firewall exception requests. Y. Kerzner (KPMG) and G. Rich (KPMG) identified the key tasks-in-motion and pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	
Garrett Dupree	12/16/19	0.7 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang(KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream. J. Conkel (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results and the related firewall exception requests. Y. Kerzner (KPMG) and G. Rich (KPMG) identified the key tasks-in-motion and pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	

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Name	Date	Description	Hours	Amount
Josh Conkel	12/16/19	0.7 Meeting with T. Sedgwick, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream. J. Conkel (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results and the related firewall exception requests. Y. Kerzner (KPMG) and G. Rich (KPMG) identified the key tasks-in-motion and pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	
Toby Sedgwick	12/16/19	0.7 Meeting with J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T.Sedgwick (KPMG) B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream. J. Conkel (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results and the related firewall exception requests. Y. Kerzner (KPMG) and G. Rich (KPMG) identified the key tasks-in-motion and pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	12/16/19	0.7 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick (KPMG) B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory workstream. J. Conkel (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the testing required to report the results and the related firewall exception requests. Y. Kerzner (KPMG) and G. Rich (KPMG) identified the key tasks-in-motion and pending deliverable items for the De-Identification work stream, which largely centered around configuring test databases with customer data for verifying the operations of the DataGuise tool, continuing to review the Disaster Recovery Plan, and updating the runbook with additional information around operations.	0.7	
Yosef Kerzner	12/16/19	0.7 Reviewing correspondence with network administrators provided by C. Mattos (PG&E) concerning obtaining elevated privileges to the servers upon which the DataGuise solution is built.	0.7	
Yosef Kerzner	12/16/19	0.8 Document progress on different items and perceived next steps to prepare for upcoming meeting with T. Sedgwick (KPMG) to plan for the upcoming week.	0.8	
Yosef Kerzner	12/16/19	0.8 Continued, as of 12/16, to update Runguide with additional subject matter information.	0.8	
Yosef Kerzner	12/16/19	0.8 Meeting with P. Guan (PG&E), D. Lynch (PG&E), C. Mattos (PG&E), K. Cook (PG&E), K. Muppa (PG&E), S. Parekh (DataGuise), S. Inder (DataGuise), J. Peters (DataGuise), A. Kumar (DataGuise), G. Rich (KPMG) and Y. Kerzner (KPMG) to troubleshoot DataGuise installation within QA environment, including SSL certificate connection issues, restrictions on elevated privileges, and starting services automatically to assist with network operations.	0.8	
Bob Zhang	12/16/19	1.0 Revised the Performance Test Plans based on new organizational structure and Collibra platform features.	1.0	
Garrett Dupree	12/16/19	1.0 Meeting with J. Conkel (KPMG) to review the feedback T. Howe (PG&E) provided regarding the Data Loss Prevention Technical Runbook deliverable and make the necessary corrections to the document for final submission within the electronic document routing system.	1.0	

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Josh Conkel	12/16/19	1.0 Meeting with G. Dupree (KPMG) to review the feedback T. Howe (PG&E) provided regarding the Data Loss Prevention Technical Runbook deliverable and make the necessary corrections to the document for final submission within the electronic document routing system.	1.0	
Josh Conkel	12/16/19	1.3 - Conducted grid scanning functionality testing from the test environment.	1.3	
Bob Zhang	12/16/19	1.4 Meeting with T. Sedgwick (KPMG), K. Hornland (KPMG), G. Dupree (KPMG) to discuss the approach for documenting the Data Inventory detailed remediation work plan deliverable and define the elements that should be captured within this plan. Discussion resulted in identifying the key components required in remediating repository access and data storage issues as well as the development of an email template for notifying users of policy violations.	1.4	
Garrett Dupree	12/16/19	1.4 Meeting with T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) to discuss the approach for documenting the Data Inventory detailed remediation work plan deliverable and define the elements that should be captured within this plan. Discussion resulted in identifying the key components required in remediating repository access and data storage issues as well as the development of an email template for notifying users of policy violations.	1.4	
Toby Sedgwick	12/16/19	1.4 Meeting with K. Hornland (KPMG), B. Zhang (KPMG), G. Dupree (KPMG) to discuss the approach for documenting the Data Inventory detailed remediation work plan deliverable and define the elements that should be captured within this plan. Discussion resulted in identifying the key components required in remediating repository access and data storage issues as well as the development of an email template for notifying users of policy violations.	1.4	
Michael Gomez	12/16/19	1.0) Performed principal review of data inventory remediation work plans for unstructured repositories as of 12/16. .5) Performed principal review of draft de-identification deployment plan	1.5	
Bob Zhang	12/16/19	1.5 Drafted Personal Drive remediation email as part of remediation workflow to be sent to people who held restricted data on their personal drives.	1.5	

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Bob Zhang	12/16/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), F. Molina (PG&E), C. Mattos (PG&E), F. Molina (PG&E), T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner, G. Dupree (KPMG) to discuss the pending items for the Data Inventory, Data Loss Prevention, and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) lead discussions around the pending firewall requests required to finish the installation of the Collibra application. J. Conkel (KPMG), G. Dupree (KPMG) lead discussions around the go / no go checklist for the Data Loss Prevention deployment to production as well as the status of the required firewall exception requests needed for grid scanning. G. Rich (KPMG) and Y. Kerzner (KPMG) lead discussions around the firewall exception requests required for the installation of the DataGuise de-identification tool.	1.5	
Garrett Dupree	12/16/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), F. Molina (PG&E), C. Mattos (PG&E), F. Molina (PG&E), T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang (KPMG) to discuss the pending items for the Data Inventory, Data Loss Prevention, and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) lead discussions around the pending firewall requests required to finish the installation of the Collibra application. J. Conkel (KPMG), G. Dupree (KPMG) lead discussions around the go / no go checklist for the Data Loss Prevention deployment to production as well as the status of the required firewall exception requests needed for grid scanning. G. Rich (KPMG) and Y. Kerzner (KPMG) lead discussions around the firewall exception requests required for the installation of the DataGuise de-identification tool.	1.5	

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Josh Conkel	12/16/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), F. Molina (PG&E), C. Mattos (PG&E), F. Molina (PG&E), T. Sedgwick, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory, Data Loss Prevention, and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) lead discussions around the pending firewall requests required to finish the installation of the Collibra application. J. Conkel (KPMG), G. Dupree (KPMG) lead discussions around the go / no go checklist for the Data Loss Prevention deployment to production as well as the status of the required firewall exception requests needed for grid scanning. G. Rich (KPMG) and Y. Kerzner (KPMG) lead discussions around the firewall exception requests required for the installation of the DataGuise de-identification tool.	1.5	
Toby Sedgwick	12/16/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), F. Molina (PG&E), C. Mattos (PG&E), F. Molina (PG&E), J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory, Data Loss Prevention, and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) lead discussions around the pending firewall requests required to finish the installation of the Collibra application. J. Conkel (KPMG), G. Dupree (KPMG) lead discussions around the go / no go checklist for the Data Loss Prevention deployment to production as well as the status of the required firewall exception requests needed for grid scanning. G. Rich (KPMG) and Y. Kerzner (KPMG) lead discussions around the firewall exception requests required for the installation of the DataGuise de-identification tool.	1.5	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	12/16/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), F. Molina (PG&E), C. Mattos (PG&E), F. Molina (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), G. Dupree (KPMG) to discuss the pending items for the Data Inventory, Data Loss Prevention, and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) lead discussions around the pending firewall requests required to finish the installation of the Collibra application. J. Conkel (KPMG), G. Dupree (KPMG) lead discussions around the go / no go checklist for the Data Loss Prevention deployment to production as well as the status of the required firewall exception requests needed for grid scanning. G. Rich (KPMG) and Y. Kerzner (KPMG) lead discussions around the firewall exception requests required for the installation of the DataGuise de-identification tool.	1.5	
Bob Zhang	12/16/19	1.8 Updated Unstructured Scan Tracker, as of 12/16, with new results from P-Drive scans and Network File Share scans completed over the weekend.	1.8	
Garrett Dupree	12/16/19	2.0 Updated the test results deliverable to include scanning speeds, number of bytes scanned, and the duration of the scan in order to illustrate the observed performance.	2.0	
Garrett Dupree	12/16/19	2.8 Aggregated the performance test results from the Symantec DLP scan history into one document for reference when updating the performance test plan.	2.8	

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Gary Rich	12/16/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), F. Molina (PG&E), C. Mattos (PG&E), F. Molina (PG&E), T. Sedgwick, J. Conkel, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the pending items for the Data Inventory, Data Loss Prevention, and De-identification work streams and review the go / no go checklist for the Data Loss Prevention deployment to production. T. Sedgwick (KPMG), K. Hornland (KPMG), B. Zhang (KPMG) lead discussions around the pending firewall requests required to finish the installation of the Collibra application. J. Conkel (KPMG), G. Dupree (KPMG) lead discussions around the go / no go checklist for the Data Loss Prevention deployment to production as well as the status of the required firewall exception requests needed for grid scanning. G. Rich (KPMG) and Y. Kerzner (KPMG) lead discussions around the firewall exception requests required for the installation of the DataGuse de-identification tool. 0.7 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland, Y. Kerzner, B. Zhang, G. Dupree (KPMG) to discuss the deliverable completion dependencies relative to the Data Inventory, Data Loss Prevention and De-Identification work streams. T. Sedgwick (KPMG) B. Zhang (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Inventory work stream. J. Conkel (KPMG), G. Dupree (KPMG) identified the key tasks-in-motion and pending deliverable items for the Data Loss Prevention work stream, which largely centered around completing the	3.9	
Josh Conkel	12/16/19	Conducted test scans of HR (1.8) and Customer Care (2.4) test shares from the data loss prevention test environment. The results of these scans were recorded by B. Zhang (KPMG) and T. Sedgwick (KPMG) as part of the data loss prevention scan results deliverables.	4.2	
Kristy Hornland	12/16/19	Created remediation work plans for personal drives	3.0	
Kristy Hornland	12/16/19	Created remediation work plans for shared drives	2.5	
Yosef Kerzner	12/17/19	0.3 Meeting with K. Muppa (PG&E) to discuss access and password resets for the Data De-Identification tool configured in the QA environment.	0.3	
Yosef Kerzner	12/17/19	0.4 Followed-up with C. Mattos (PG&E) on a firewall troubleshooting issue with the DataGuse QA environment.	0.4	
Toby Sedgwick	12/17/19	0.4 Meeting with Y. Kerzner (KPMG) to discuss next steps, as of 12/17, for deliverables due this week.	0.4	
Yosef Kerzner	12/17/19	0.4 Meeting with T. Sedgwick (KPMG) to discuss next steps, as of 12/17, for deliverables due this week.	0.4	

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Name	Date	Description	Hours	Amount
Bob Zhang	12/17/19	0.5 Updated the draft of the Data Inventory Maintenance and Remediation playbook based on input from G. Vadathu (PG&E).	0.5	
Bob Zhang	12/17/19	0.5 Created Data Security Program Office email address on PG&E server.	0.5	
Gary Rich	12/17/19	0.5 Meeting with C. Mattos (PG&E), K. Muppa (PG&E), V. Wong (PG&E), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to discuss parameters necessary to properly perform database replication between primary and standby databases in the DataGuise Prod environment solutions. Resolved to receive a Disaster Recovery plan sample from V. Wong (PG&E) with appropriate language to incorporate into the DR plan.	0.5	
Toby Sedgwick	12/17/19	0.5 Meeting with C. Mattos (PG&E), K. Muppa (PG&E), V. Wong (PG&E), G. Rich (KPMG), Y. Kerzner (KPMG) to discuss parameters necessary to properly perform database replication between primary and standby databases in the DataGuise Prod environment solutions. Resolved to receive a Disaster Recovery plan sample from V. Wong (PG&E) with appropriate language to incorporate into the DR plan.	0.5	
Yosef Kerzner	12/17/19	0.5 Meeting with C. Mattos (PG&E), K. Muppa (PG&E), V. Wong (PG&E), G. Rich (KPMG), T. Sedgwick (KPMG) to discuss parameters necessary to properly perform database replication between primary and standby databases in the DataGuise Prod environment solutions. Resolved to receive a Disaster Recovery plan sample from V. Wong (PG&E) with appropriate language to incorporate into the DR plan.	0.5	
Yosef Kerzner	12/17/19	0.6 Coordinating upcoming DataGuise installation session, including corresponding with DataGuise team members, setting an agenda for the installation.	0.6	
Bob Zhang	12/17/19	0.6 Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG) to review Data Inventory Maintenance and Remediation Playbook. Discussed updates to playbook for unstructured data, DLP data collection process, and finalized changes to playbook.	0.6	
Bob Zhang	12/17/19	0.6 Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG) to review Data Inventory Remediation Plan. Walked through Remediation Work Plan PowerPoint deck, discussed differences in P-Drive, file share, and SharePoint remediation.	0.6	
Kristy Hornland	12/17/19	0.6 Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG), B. Zhang (KPMG) to review the data inventory maintenance and remediation playbook for feedback. Team determined that G. Vadathu would continue to review offline after a walkthrough of the process steps for more granular of a review on the specific steps.	0.6	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	12/17/19	0.6 Meeting with G. Vadathu (PG&E), K. Hornland (KPMG), B. Zhang (KPMG) to review the data inventory maintenance and remediation playbook for feedback. Team determined that G. Vadathu would continue to review offline after a walkthrough of the process steps for more granular of a review on the specific steps.	0.6	
Kristy Hornland	12/17/19	0.6 Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG), B. Zhang (KPMG) to review the draft remediation work plans. Slight revisions to verbiage around Collibra template but otherwise unchanged draft. Time scheduled to walkthrough with Tyler on 12/20.	0.6	
Toby Sedgwick	12/17/19	0.6 Meeting with G. Vadathu (PG&E), K. Hornland (KPMG), B. Zhang (KPMG) to review the draft remediation work plans. Slight revisions to verbiage around Collibra template but otherwise unchanged draft. Time scheduled to walkthrough with Tyler on 12/20.	0.6	
Yosef Kerzner	12/17/19	0.6 Followed-up regarding additional DataGuise installation session in QA environment with PG&E and DataGuise team members with an agenda.	0.6	
Yosef Kerzner	12/17/19	0.7 Updated tracker spreadsheet with details obtained during the QA environment re-installation session.	0.7	
Josh Conkel	12/17/19	0.8 - Reconfigured file scanning to use grid scanning functionality.	0.8	
Yosef Kerzner	12/17/19	0.8 Created credentials for K. Muppa (PG&E) and B. Spell (PG&E) within DataGuise environment tool	0.8	
Yosef Kerzner	12/17/19	0.8 Created outline document to be used for recording test results, following the logical flow of the test plan deliverable.	0.8	
Bob Zhang	12/17/19	0.8 Drafted remediation email communication to specific P-Drive owners.	0.8	
Yosef Kerzner	12/17/19	0.8 Meeting with G. Rich (KPMG) to review future state recommendations slides that G. Rich (KPMG) had created and brainstorm to gather additional recommendations for the De-Identification Data Security Program Office to include in this deliverable.	0.8	
Gary Rich	12/17/19	0.8 Meeting with Y. Kerzner (KPMG) to review future state recommendations slides that G. Rich (KPMG) had created and brainstorm to gather additional recommendations for the De-Identification Data Security Program Office to include in this deliverable.	0.8	
Gary Rich	12/17/19	1.0 Continued , as of 12/17, to develop first draft of future state recommendations for de-identification program / solution.	1.0	
Kristy Hornland	12/17/19	1.0 Continued, as of 12/17, developing performance test plan for upcoming meeting on 12/18 to discuss with G. Vadathu, T. Howe (PG&E)	1.0	
Bob Zhang	12/17/19	1.0 Updated the Collibra User Run Book based on the KPMG template metadata book, including making roles specific to PG&E.	1.0	

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Bob Zhang	12/17/19	1.0 Updated supporting document with performance test scripts for Collibra based on Collibra platform functionality.	1.0	
Yosef Kerzner	12/17/19	1.0 Updated tracker spreadsheet with details obtained during previous day's QA environment troubleshooting discussion to provide to client team.	1.0	
Bob Zhang	12/17/19	1.0 Updated Unstructured Scan Tracker, as of 12/17, based on additional scans, concurrently creating new summary views.	1.0	
Yosef Kerzner	12/17/19	1.0 Began incorporating database transfer language from a document provided by V. Wong (PG&E) into Data De-Identification Disaster Recovery Plan.	1.0	
Josh Conkel	12/17/19	1.6 - Performed grid scan functionality testing from the production data loss prevention environment (testing was successful).	1.6	
Gary Rich	12/17/19	1.7 Meeting with P. Guan (PG&E), B. Spell (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), S. Yem (PG&E), S. Inder (DataGuse), A. Singla (DataGuse), A. Kaushal (DataGuse), G. Rich (KPMG), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to perform second installation session of the QA environment, during which the DataGuse software was re-installed and connections to SQL tested successfully.	1.7	
Yosef Kerzner	12/17/19	1.7 Meeting with P. Guan (PG&E), B. Spell (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), S. Yem (PG&E), S. Inder (DataGuse), A. Singla (DataGuse), A. Kaushal (DataGuse), G. Rich (KPMG), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to perform second installation session of the QA environment, during which the DataGuse software was re-installed and connections to SQL tested successfully.	1.7	
Toby Sedgwick	12/17/19	1.7 Meeting with P. Guan (PG&E), B. Spell (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), S. Yem (PG&E), S. Inder (DataGuse), A. Singla(DataGuse), A. Kaushal (DataGuse), G. Rich (KPMG), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to perform second installation session of the QA environment, during which the DataGuse software was re-installed and connections to SQL tested successfully.	1.7	
Garrett Dupree	12/17/19	1.8 Updated the DLP test results deliverable to include the scan statistics for the pre and post grid scanning results executed against the duplicated human resources network file share.	1.8	
Garrett Dupree	12/17/19	2.4 Collected the total number of SharePoint site collections needed to update the DLP policy test results report and recommendations for future improvements deliverable.	2.4	
Kristy Hornland	12/17/19	2.5 Continued, as of 12/17, to update remediation work plan created day prior in preparation for upcoming client meeting.	2.5	

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Garrett Dupree	12/17/19	2.6 Updated the DLP test results deliverable to include the applicable target configuration items that dictate how quickly the scans are performed and at what level incident reports are generated, whether at the overall incident level or at the content root level.	2.6	
Josh Conkel	12/17/19	2.6 - Performed grid scanning testing on ten file shares based in different PG&E data centers. Scan completed successfully.	2.6	
Garrett Dupree	12/17/19	2.7 Updated the Data Loss Prevention performance test plan deliverable to include the performance test results from all of the test scans to date.	2.7	
Bob Zhang	12/17/19	3.0 Updated the Profile Drive Remediation Template Email incorporating document with detailed instructions and screenshots to be included in the email.	3.0	
Kristy Hornland	12/17/19	3.1 Drafting performance test plan for upcoming meeting on 12/18 to discuss with G. Vadathu, T. Howe (PG&E)	3.1	
Josh Conkel	12/17/19	3.2 - Performed grid scanning testing on Customer Care and Human Resources file shares (one scan job). Scan completed successfully.	3.2	
Gary Rich	12/17/19	Developed first draft of future state recommendations for de-identification program / solution.	3.0	
Gary Rich	12/17/19	Continued, from earlier on 12/17, to develop first draft of future state recommendations for de-identification program / solution.	1.5	
Yosef Kerzner	12/18/19	0.1 Meeting with K. Muppa (PG&E) regarding verifying troubleshooting issues of QA installation with C. Mattos (PG&E).	0.1	
Toby Sedgwick	12/18/19	0.1 Meeting with Y. Kerzner (KPMG) to discuss availability ahead of an upcoming meeting with the Disaster Recovery lead to review the updated Disaster Recovery document, as well as mention a waiver for the Disaster Recovery exercise.	0.1	
Toby Sedgwick	12/18/19	0.1 Meeting with Y. Kerzner (KPMG) for a go-no-go on an upcoming planned meeting with PG&E team members to review the De-Identification runbook. Resolved to cancel the meeting and send a link to the De-Identification runbook separately.	0.1	
Yosef Kerzner	12/18/19	0.1 Meeting with T. Sedgwick (KPMG) to discuss availability ahead of an upcoming meeting with the Disaster Recovery lead to review the updated Disaster Recovery document, as well as mention a waiver for the Disaster Recovery exercise.	0.1	
Gary Rich	12/18/19	0.2 Meeting with Y. Kerzner (KPMG) to review outcome of previous DataGuise tool configuration session and relay revised deliverable expectation as well as updates to the Runguide deliverable made by G. Rich (KPMG).	0.2	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	12/18/19	0.2 Meeting with G. Rich (KPMG) to review outcome of previous DataGuise tool configuration session and relay revised deliverable expectation as well as updates to the RunGUIDE deliverable made by G. Rich (KPMG).	0.2	
Toby Sedgwick	12/18/19	0.2 Meeting with Y. Kerzner (KPMG) to review outcome of previous DataGuise tool configuration session and discuss revised deliverable expectation, to be submitted at end of week.	0.2	
Yosef Kerzner	12/18/19	0.2 Meeting with T. Sedgwick (KPMG) to review outcome of previous DataGuise tool configuration session and discuss revised deliverable expectation, to be submitted at end of week.	0.2	
Yosef Kerzner	12/18/19	0.5 Continued, as of 12/18, to incorporate language from a document provided by V. Wong (PG&E) into the Data De-Identification Disaster Recovery plan.	0.5	
Bob Zhang	12/18/19	0.5 Created DLP Scanning Performance Tracker to display the performance of DLP scanning.	0.5	
Gary Rich	12/18/19	0.6 Meeting with M. Cameron (PG&E), K. Muppa (PG&E), Y. Kerzner (KPMG) to review the updated Data De-Identification Disaster Recovery plan. Resolved to make changes to several sections including database failover, VM information, and high-level maintenance plan.	0.6	
Yosef Kerzner	12/18/19	0.6 Meeting with M. Cameron (PG&E), K. Muppa (PG&E), G. Rich (KPMG) to review the updated Data De-Identification Disaster Recovery plan. Resolved to make changes to several sections including database failover, VM information, and high-level maintenance plan.	0.6	
Gary Rich	12/18/19	0.7 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), B. Spell (PG&E), M. Ramirez (PG&E), J. Conkel (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. Discussed Data Loss Prevention traffic connection issues and the need for Firewall Exception Requests for both workstream, as well as the Go-No-Go checklist, and QA installation progress and upcoming meetings for the Data De-Identification workstream.	0.7	
Yosef Kerzner	12/18/19	0.7 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), B. Spell (PG&E), M. Ramirez (PG&E), J. Conkel (KPMG), G. Rich (KPMG), G. Dupree (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. Discussed Data Loss Prevention traffic connection issues and the need for Firewall Exception Requests for both workstream, as well as the Go-No-Go checklist, and QA installation progress and upcoming meetings for the Data De-Identification workstream.	0.7	

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Name	Date	Description	Hours	Amount
Garrett Dupree	12/18/19	0.7 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), B. Spell (PG&E), M. Ramirez (PG&E), T. Howe (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. Discussed Data Loss Prevention traffic connection issues and the need for Firewall Exception Requests for both workstream, as well as the Go-No-Go checklist, and QA installation progress and upcoming meetings for the Data De-Identification workstream.	0.7	
Toby Sedgwick	12/18/19	0.7 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), B. Spell (PG&E), M. Ramirez (PG&E), T. Howe (PG&E), J. Conkel (KPMG), G. Rich (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) to discuss progress of Data De-Identification and Data Loss Prevention workstreams. Discussed Data Loss Prevention traffic connection issues and the need for Firewall Exception Requests for both workstream, as well as the Go-No-Go checklist, and QA installation progress and upcoming meetings for the Data De-Identification workstream.	0.7	
Bob Zhang	12/18/19	0.7 Meeting with L. Hunt (PG&E), N. Ranganathan (PG&E), J. Conkel (KPMG), G. Dupree (KPMG) to coordinate with a SharePoint administrator, L. Hunt (PG&E), to input the system account administrative credentials into Symantec DLP in order to extend site collection access to the Data Loss Prevention system. These credentials were required to complete the functional pilot scans for the Data Loss Prevention work stream.	0.7	
Garrett Dupree	12/18/19	0.7 Meeting with L. Hunt (PG&E), N. Ranganathan (PG&E), J. Conkel (KPMG), B. Zhang (KPMG) to coordinate with a SharePoint administrator, L. Hunt (PG&E), to input the system account administrative credentials into Symantec DLP in order to extend site collection access to the system. These credentials were required to complete the functional pilot scans for the Data Loss Prevention work stream.	0.7	
Josh Conkel	12/18/19	0.7 Meeting with L. Hunt (PG&E), N. Ranganathan (PG&E), B. Zhang (KPMG), G. Dupree (KPMG) to coordinate with a SharePoint administrator, L. Hunt (PG&E), to input the system account administrative credentials into Symantec DLP in order to extend site collection access to the Data Loss Prevention system. These credentials were required to complete the functional pilot scans for the Data Loss Prevention work stream.	0.7	
Bob Zhang	12/18/19	1.0 Updated the DLP scanning tracker, as of 12/18, based on results of completed SharePoint scanning.	1.0	

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Name	Date	Description	Hours	Amount
Bob Zhang	12/18/19	1.0 Updated the Remediation Work Plan presentation by aligning remediation with the process flow created for data inventory, data scanning, and remediation.	1.0	
Bob Zhang	12/18/19	1.0 Updated the Data Inventory Maintenance and Remediation playbook to include more detail regarding scan collection and alignment to the Scan Tracker Template.	1.0	
Toby Sedgwick	12/18/19	1.0 Meeting with K. Hornland (KPMG), B. Zhang (KPMG) regarding finalizing revisions to the Functional Testing Plan (updating the stakeholders, adding test scenarios).	1.0	
Bob Zhang	12/18/19	1.0 Meeting with K. Hornland (KPMG), T. Sedgwick (KPMG) regarding finalizing revisions to the Functional Testing Plan (updating the stakeholders, adding test scenarios).	1.0	
Bob Zhang	12/18/19	1.0 Perform monitoring /remediation of SharePoint scanning of DLP sites.	1.0	
Toby Sedgwick	12/18/19	1.0 Project status update as of 12/18 with M. Gomez (KPMG) to discuss project achievements, upcoming deliverables, and risks and issues.	1.0	
Yosef Kerzner	12/18/19	1.0 Updated QA and Prod installation task list tracker, closing out certain items and resolving to follow-up on the item concerning proper LDAP authentication.	1.0	
Toby Sedgwick	12/18/19	1.1 Walkthrough with K. Hornland (KPMG), B. Zhang (KPMG) to review the created functional testing materials.	1.1	
Kristy Hornland	12/18/19	1.1 Walkthrough with T. Sedgwick (KPMG), B. Zhang (KPMG) to review the created functional testing materials.	1.1	
Yosef Kerzner	12/18/19	1.3 Corresponded with PG&E SQL database team regarding database backup frequency and the possibility of properly backing up the current, un-masked data state in the Proof-of-concept functional SQL test database for future operations.	1.3	
Kristy Hornland	12/18/19	1.4 Continued processing redirection to change from drafting performance testing to functional testing (building five different test scenarios aligned to the functional requirements approved earlier in the year).	1.4	
Yosef Kerzner	12/18/19	1.5 Configured / tested a successful data detection task within DataGuise tool in QA environment.	1.5	
Gary Rich	12/18/19	1.9 Meeting with B. Spell (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), V. Wong (PG&E), P. Guan (PG&E), S. Inder (DataGuise), A. Singla (DataGuise), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to perform additional session of configuring the DataGuise tool in the QA environment, during which the test SQL database configured for functional use was configured with a special masking database, a backup of existing data was made, masking was demonstrated, and fine-tuning parameters were discussed.	1.9	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	12/18/19	1.9 Meeting with B. Spell (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), V. Wong (PG&E), P. Guan (PG&E), S. Inder (DataGuise), A. Singla (DataGuise), G. Rich (KPMG), Y. Kerzner (KPMG) to perform additional session of configuring the DataGuise tool in the QA environment, during which the test SQL database configured for functional use was configured with a special masking database, a backup of existing data was made, masking was demonstrated, and fine-tuning parameters were discussed.	1.9	
Yosef Kerzner	12/18/19	1.9 Meeting with B. Spell (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), V. Wong (PG&E), P. Guan (PG&E), S. Inder (DataGuise), A. Singla (DataGuise), G. Rich (KPMG), T. Sedgwick (KPMG), Y) to perform additional session of configuring the DataGuise tool in the QA environment, during which the test SQL database configured for functional use was configured with a special masking database, a backup of existing data was made, masking was demonstrated, and fine-tuning parameters were discussed.	1.9	
Josh Conkel	12/18/19	2.0 Continued, from earlier on 12/18, developing socialization slide deck for a project deliverable. This deck included policy accuracy results, current scan performance, and recommended next steps outside the project.	2.0	
Bob Zhang	12/18/19	2.0 Updated Collibra User Runbook by making specific updates for PG&E, such as updating the roles to reflect the organization.	2.0	
Garrett Dupree	12/18/19	2.1 Aggregated the number of file shares located within the second half (of the full list - continued from 12/20) of network file share servers in order to determine the count for remaining file shares that are on the roadmap for being scanned with Symantec DLP. This process is very manual, as directories must be counted one-by-one.	2.1	
Garrett Dupree	12/18/19	2.3 Updated the report detailing DLP policy test results to include the metrics for how many file shares the Data Security Program Office will need to scan once the changes to the DLP tool are deployed to production.	2.3	
Bob Zhang	12/18/19	2.5 Updated the Functional Test Plan by aligning test scripts to PG&E Requirements.	2.5	
Garrett Dupree	12/18/19	2.8 Aggregated the number of file shares located within the first half (of the full list) of network file share servers in order to determine the count for remaining file shares that are on the roadmap for being scanned with Symantec DLP. This process is very manual, as directories must be counted one-by-one.	2.8	

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Name	Date	Description	Hours	Amount
Garrett Dupree	12/18/19	2.9 Created a master list of the known network file share servers in order to finish the comprehensive inventory of on-premises data, which will be included with the DLP report of policy test results deliverable.	2.9	
Kristy Hornland	12/18/19	3.2 Continued, from earlier on 12/18, processing redirection to change from drafting performance testing to functional testing (building five different test scenarios aligned to the functional requirements approved earlier in the year).	3.2	
Josh Conkel	12/18/19	3.4 - Developed socialization slide deck for a project deliverable. This deck included policy accuracy results, current scan performance, and recommended next steps outside the project.	3.4	
Kristy Hornland	12/18/19	3.4 Began processing redirection to change from drafting performance testing to functional testing (building five different test scenarios aligned to the functional requirements approved earlier in the year).	3.4	
Gary Rich	12/18/19	3.4 Updated de-identification runbook to include configuration items and implementation timelines.	3.4	
Josh Conkel	12/19/19	.1 - Drafted email to data loss prevention administrators for change testing on one production server.	0.1	
Gary Rich	12/19/19	0.1 Meeting with Y. Kerzner (KPMG) to discuss updating the deployment plan deliverable for unstructured and cloud data in 2020 and 2021.	0.1	
Yosef Kerzner	12/19/19	0.1 Meeting with G. Rich (KPMG) to discuss updating the deployment plan deliverable for unstructured and cloud data in 2020 and 2021.	0.1	
Yosef Kerzner	12/19/19	0.1 Meeting with T. Sedgwick (KPMG) for a go-no-go on an upcoming planned meeting with PG&E team members to review the De-Identification runbook.	0.1	
Kristy Hornland	12/19/19	0.5 Meeting with G. Dupree (KPMG) to update status report, as of 12/19, in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream.	0.5	
Toby Sedgwick	12/19/19	0.5 Discussion regarding planned deliverable submissions for week of 12/16 with K. Hornland and T. Sedgwick (KPMG)	0.5	
Kristy Hornland	12/19/19	0.5 Discussion regarding planned deliverable submissions for week of 12/16 with K. Hornland and T. Sedgwick (KPMG)	0.5	
Josh Conkel	12/19/19	.8 - Drafted email that detailed the configuration changes required to enable SharePoint scanning in the production data loss prevention environment.	0.8	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Bob Zhang	12/19/19	0.8 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Dupree (KPMG) to review the Data Loss Prevention reporting of test results and recommendations for future improvements deliverable with project stakeholders for approval. Recommended alterations were made and the document was submitted into the Electronic Document Routing System for formal approval.	0.8	
Josh Conkel	12/19/19	0.8 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), T. Sedgwick (KPMG), B. Zhang (KPMG), G. Dupree (KPMG) to review the Data Loss Prevention reporting of test results and recommendations for future improvements deliverable with project stakeholders for approval. Recommended alterations were made and the document was submitted into the Electronic Document Routing System for formal approval.	0.8	
Bob Zhang	12/19/19	1.0 Continue, as of 12/19, to update Collibra User Run Book to include the data inventory, data scanning, and remediation process: including scan collection from DLP.	1.0	
Michael Gomez	12/19/19	1) Project status update with T. Sedgwick (KPMG) to discuss project achievements as of 12/19, upcoming deliverables, and risks and issues	1.0	
Yosef Kerzner	12/19/19	1.3 Investigated procedure of connection to Oracle databases (1.0) and followed-up with client regarding the status of cloning into our test Oracle environment (.3).	1.3	
Yosef Kerzner	12/19/19	1.5 Created file structure on SharePoint, in line with practices followed by the Collibra workstream, concurrently uploading various deliverables into an organized structure for PG&E team to review.	1.5	
Kristy Hornland	12/19/19	1.5 Update PG&E SharePoint with EDRS submitted deliverables for Gayathri's review.	1.5	
Yosef Kerzner	12/19/19	2.0 Summarize information collected based on previous day's conversations with T. Sedgwick, G. Rich (KPMG) regarding the status of remaining items, which additional client meetings need to be scheduled.	2.0	
Yosef Kerzner	12/19/19	2.0 Updated maintenance pieces of Disaster Recovery plan based on guidance provided by T. Sedgwick (KPMG).	2.0	
Kristy Hornland	12/19/19	2.3 Updating status report with DLP, data inventory content, as of 12/19, for communication to client.	2.3	
Bob Zhang	12/19/19	Collected DLP SharePoint scans in order to update the Unstructured Scan Tracker (1.0), streamlining the information in the Unstructured Scan Tracker to be presented to stakeholders (1.0) and updated Summary Pivot Tables (.8) to reflect the distinction between HR Confidential and Customer Care Confidential data elements.	2.8	

EXHIBIT C2

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Data Security Services

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Name	Date	Description	Hours	Amount
Josh Conkel	12/19/19	3.1 - Analyzed scan failures for SharePoint scans in production (performing comparative analysis that showed that the production systems were still configured to use the SharePoint connector for scanning. This determined a configuration change was required in order to make scanning work in the production data loss prevention environment).	3.1	
Bob Zhang	12/19/19	3.4 Updated Collibra User Run Book to include the data inventory, data scanning, and remediation process: including scan collection from DLP.	3.4	
Kristy Hornland	12/19/19	3.4 Updating user run book for Collibra PG&E instance.	3.4	
Josh Conkel	12/19/19	Performed successful SharePoint scan from server with the configuration change in production. Monitored scan to completion (2.6) and recorded results (1.7).	4.3	
Garrett Dupree	12/19/19	0.8 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), B. Zhang (KPMG) to review the Data Loss Prevention reporting of test results and recommendations for future improvements deliverable with project stakeholders for approval. Recommended alterations were made and the document was submitted into the Electronic Document Routing System for formal approval. 1.0 Aggregated the DLP work stream weekly accomplishments and goals for next week and to distribute to project stakeholders at the request of G. Vadathu (PG&E). 2.7 Updated the performance test results DLP deliverable to include the additional network file share locations and scan results that illustrate the ability of the tool to scan shares across a variety of geographic locations.	4.5	
Toby Sedgwick	12/20/19	0.3 Debrief with M. Gomez (KPMG) subsequent to his engagement debrief with PG&E.	0.3	
Yosef Kerzner	12/20/19	0.1 Meeting with G. Rich (KPMG) to review plan for upcoming meeting.	0.1	
Yosef Kerzner	12/20/19	0.2 Drafting email to B. Spell (PG&E) regarding maintenance procedure approach in Data De-Identification Disaster Recovery plan.	0.2	
Yosef Kerzner	12/20/19	0.2 Followed-up with client regarding a pre-existing work order to permit communication between components of the Data De-Identification QA environment.	0.2	
Yosef Kerzner	12/20/19	0.3 Meeting with C. Mattos (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), D. Jha (DataGuise), S. Inder (DataGuise), T. Sedgwick (KPMG), G. Rich (KPMG) to provide a status update on the DataGuise tool installation progress and discuss outstanding items to be resolved.	0.3	

EXHIBIT C2**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Toby Sedgwick	12/20/19	0.3 Meeting with C. Mattos (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), D. Jha (DataGuise), S. Inder (DataGuise), G. Rich (KPMG), Y. Kerzner (KPMG) to provide a status update on the DataGuise tool installation progress and discuss outstanding items to be resolved.	0.3	
Toby Sedgwick	12/20/19	0.3 Meeting with Y. Kerzner (KPMG) to discuss documents that need to be completed and staged for PG&E's internal document routing system before the end of the day, including evidence of the DataGuise configured in QA environment, Application Staging Options, and the Disaster Recovery plan.	0.3	
Yosef Kerzner	12/20/19	0.3 Meeting with T. Sedgwick (KPMG) to discuss documents that need to be completed and staged for PG&E's internal document routing system before the end of the day, including evidence of the DataGuise configured in QA environment, Application Staging Options, and the Disaster Recovery plan.	0.3	
Yosef Kerzner	12/20/19	0.4 Meeting with K. Hornland (KPMG) to discuss accomplishments as of 12/20, additional items planned for today, and remaining upcoming documents that will be edited and submitted during upcoming weeks.	0.4	
Bob Zhang	12/20/19	0.5 Meeting with T. Howe (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG) to review the Remediation Work Plan presentation and supporting documents. Discussed process of exception management and repository classification.	0.5	
Toby Sedgwick	12/20/19	0.5 Meeting with T. Howe (PG&E), B. Zhang (KPMG), K. Hornland (KPMG) to review the Remediation Work Plan presentation and supporting documents. Discussed process of exception management and repository classification.	0.5	
Yosef Kerzner	12/20/19	0.6 Corresponded with B. Spell regarding the potential maintenance operations to be included in the De-Identification Disaster Recovery Plan, concurrently sending him an invite to an upcoming meeting to review the Disaster Recovery Plan with M. Cameron (PG&E).	0.6	
Yosef Kerzner	12/20/19	0.6 Meeting with M. Cameron (PG&E), B. Spell (PG&E), G. Rich (KPMG) to review maintenance procedures section within Data De-Identification Disaster Recovery plan.	0.6	
Bob Zhang	12/20/19	0.7 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), T. Sedgwick (PG&E), K. Hornland (KPMG) to review the Functional Testing Plan document. Discussed adding details to the scenarios to reflect the PG&E asset inventory process, using Collibra professional services, and updates to the document for 2020.	0.7	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

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Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Toby Sedgwick	12/20/19	0.7 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), K. Hornland (KPMG), B. Zhang (KPMG) to review the Functional Testing Plan document. Discussed adding details to the scenarios to reflect the PG&E asset inventory process, using Collibra professional services, and updates to the document for 2020.	0.7	
Bob Zhang	12/20/19	0.8 Updated weekly status report as of 12/20 for communication to client.	0.8	
Bob Zhang	12/20/19	1.0 Added new results from DLP into the Scan Tracker as of 12/20	1.0	
Bob Zhang	12/20/19	1.0 Generated performance testing results from DLP.	1.0	
Bob Zhang	12/20/19	1.0 Meeting with G. Vadathu (PG&E) to discuss goals for 2020 on engagement.	1.0	
Toby Sedgwick	12/20/19	1.0 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), J. Conkel (KPMG), B. Zhang (KPMG), G. Dupree (KPMG) to review the Data Loss Prevention performance test results as well as the scan results of the identified Customer Care and Human Resources network file shares.	1.0	
Josh Conkel	12/20/19	1.0 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), K. Muppa (PG&E), T. Sedgwick (KPMG), B. Zhang (KPMG), G. Dupree (KPMG) to review the Data Loss Prevention performance test results as well as the scan results of the identified Customer Care and Human Resources network file shares.	1.0	
Bob Zhang	12/20/19	1.0 Updated Data Inventory Maintenance and Remediation Playbook with additional screenshots	1.0	
Yosef Kerzner	12/20/19	1.1 Updated Disaster Recovery plan in advance of upcoming meeting to review said document with B. Spell (PG&E) and M. Cameron (PG&E) during an upcoming meeting.	1.1	
Michael Gomez	12/20/19	1.2) Engagement review with PG&E Engagement Director Jacob Heffelfinger - discussed KPMG status on over 15 deliverables for 2019 and impact on engagement regarding CCPA. Further discussed forecast for Q1 of 2020 expenses. .3) Debrief with KPMG engagement Manager T. Sedgwick on engagement debrief with PG&E	1.5	
Yosef Kerzner	12/20/19	2.0 Created an overview presentation that incorporated a background of the Data De-Identification project, utilizing screenshots from completed detection and masking tasks within the DataGuse DgSecure environment, incorporating them with proper formatting and revisions into the presentation to provide to T. Sedgwick (KPMG) for his review.	2.0	
Bob Zhang	12/20/19	2.0 Updated the Collibra User Run Book for routing in EDRS.	2.0	
Yosef Kerzner	12/20/19	2.2 Created a Deployment Plan for Data De-Identification project to provide to T. Sedgwick (KPMG) for feedback.	2.2	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.

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Data Security Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Amount
Gary Rich	12/20/19	0.3 Meeting with C. Mattos (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), D. Jha (DataGuise), S. Inder (DataGuise), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to provide a status update on the DataGuise tool installation progress and discuss outstanding items to be resolved. 0.3 Touch point with Y. Kerzner (KPMG) to discuss remaining de-identification tasks. 0.6 Meeting with M. Cameron (PG&E), B. Spell (PG&E), G. Rich (KPMG), Y. Kerzner (KPMG) to review maintenance procedures section within Data De-Identification Disaster Recovery plan. 2.1 Reviewed / updated de-identification deployment plan provided by Y. Kerzner (KPMG)	3.3	
Josh Conkel	12/20/19	Routed remaining data loss prevention project deliverables (five deliverable routings,(0.8) each) in the PG&E Enterprise Deliverable Routing System (EDRS) for final approval.	4.0	
Total Data Security Services			637.4	\$ 453,930.40 ⁽¹⁾

⁽¹⁾ KPMG and the Debtors agreed to fixed-fee compensation for the Data Security Services. Payment of the fixed fee is dependent on an iterative process by which stages of the project go through a formal review, including a detailed walkthrough, modifications (if required) and formal acceptance. As of December 31, 2019, KPMG is requesting the fixed-fee amount above for these services, as approved by the client.

EXHIBIT C3

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Legal Support Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Holly Tant	12/04/19	Call with D. Nichols (Redgrave) and in-house counsel (J. Contreras) regarding document review tool data migration and deletion efforts.	0.7	\$ 475.00	\$ 332.50
Holly Tant	12/05/19	Investigation per D. Nichols' (Redgrave) request into document review tool data migration and deletion efforts	0.8	\$ 475.00	\$ 380.00
Holly Tant	12/09/19	Continue, as of 12/9, investigation per D. Nichols' (Redgrave) request into document review tool data migration and deletion efforts	1.3	\$ 475.00	\$ 617.50
Holly Tant	12/10/19	Follow-up with D. Nichols (Redgrave) regarding findings relating to document review tool data migration and deletion efforts	0.2	\$ 475.00	\$ 95.00
Subtotal Legal Support Services (Hourly)			<u>3.0</u>		<u>\$ 1,425.00</u>

Recurring Monthly Fees

Fee # 1: Hosting

Period	Number of Gigabytes	Discounted Amount
December 1-31, 2019	15,210.78	\$ 45,632.34
Subtotal Hosting Services		<u>\$ 45,632.34</u>

Fee # 2: User Fees

Period	Number of Users	Amount
December 1-31, 2019	3 ⁽¹⁾	\$ 285.00
Subtotal User Services		<u>\$ 285.00</u>

Total Legal Support Services

\$ 47,342.34⁽¹⁾ As per Appendix C of the Legal Support Services Agreement, KPMG did not charge the client for the initial 10 of 13 total users.

EXHIBIT C4

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase 1)

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>Project Complete</i>					
Total IT Software Services (Phase 1)			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C5

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
Enterprise Project Management Tools Implementation Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>Project Complete</i>					
Total Enterprise Project Management Tools Implementation Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C6

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Risk Assessment Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
		<i>Project Complete</i>			
		Total Risk Assessment Services	<u>0.0</u>		<u>\$ -</u>

EXHIBIT C7

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Retention Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>no fees requested - current month</i>					
Total Retention Services			<u><u>0.0</u></u>		<u><u>\$ -</u></u>

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Fee Application Preparation Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	12/02/19	Begin manager review of Exhibit C1 of 5th fee statement (Task 3 portion)	1.4	\$ 162.50	\$ 227.50
Juanita Garza	12/02/19	Prepare assigned portion of Exhibit C12 for inclusion in 6th monthly fee statement (including previously deferred time)	0.7	\$ 137.50	\$ 96.25
Juanita Garza	12/02/19	Prepare assigned portion of Exhibit C15 for inclusion in 6th monthly fee statement in anticipation of approval of supplemental retention application.	3.3	\$ 137.50	\$ 453.75
Juanita Garza	12/02/19	Continue, from earlier on 12/02/19, to prepare assigned portion of Exhibit C15 for inclusion in 6th monthly fee statement in anticipation of approval of supplemental retention application.	2.2	\$ 137.50	\$ 302.50
Celeste Campbell	12/03/19	Begin to prepare Exhibit C1 of 8th fee statement inclusive of deferred time associated with extension (anticipated to be approved as part of supplemental retention application)	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	12/03/19	Continue, as of 12/3, manager review of Exhibit C1 of 5th fee statement (Task 3 portion)	2.4	\$ 162.50	\$ 390.00
Juanita Garza	12/03/19	Continue, as of 12/03/19, to prepare assigned portion of Exhibit C12 for inclusion in 6th monthly fee statement (including previously deferred time)	3.3	\$ 137.50	\$ 453.75
Juanita Garza	12/03/19	Continue, as of 12/03/19, to prepare assigned portion of Exhibit C12 for inclusion in 6th monthly fee statement (including previously deferred time)	2.1	\$ 137.50	\$ 288.75
Juanita Garza	12/03/19	Continue, as of 12/03/19, to prepare assigned portion of Exhibit C15 for inclusion in 6th monthly fee statement in anticipation of approval of services in supplemental retention application.	0.6	\$ 137.50	\$ 82.50
Celeste Campbell	12/04/19	Email T. Gallegos (Fee Examine coordinator) regarding go forward for 1st interim fee applications	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	12/04/19	0.1 Continue, preparation of Exhibit C1 (Task 2 portion) of 5th fee statement (.9)	1.0	\$ 162.50	\$ 162.50
Juanita Garza	12/04/19	Continue, as of 12/4, to prepare Exhibit C1 of 8th fee statement inclusive of deferred time associated with extension (anticipated to be approved as part of supplemental retention application)	3.8	\$ 137.50	\$ 522.50
Juanita Garza	12/04/19	Begin to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (April) services in supplemental retention application.	2.7	\$ 137.50	\$ 371.25
Celeste Campbell	12/05/19	Continue, as of 12/04/19, to prepare assign portion of exhibit C15 for inclusion in monthly fee statement in anticipation of approval of services in supplemental retention application. .	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	12/05/19	Continue, as of 12/5, preparation of Exhibit C1 of 5th fee statement (Task 2 portion)	3.7	\$ 162.50	\$ 601.25
		(Exhibit C1) portion of 5th fee statement 0.9 Begin manager review of Task 3 portion (Exhibit C1) of 6th fee statement 2.8			

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Fee Application Preparation Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Juanita Garza	12/05/19	Continue, as of 12/05/19, to prepare SiteMinder to Ping Access 2019 portion of exhibit C9 for inclusion in monthly fee statement in anticipation of approval of (April) services in supplemental retention application.	3.7	\$ 137.50	\$ 508.75
Juanita Garza	12/05/19	Continue, from earlier on 12/05/19, to prepare assigned portion of Exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (April) services in supplemental retention application.	3.6	\$ 137.50	\$ 495.00
Celeste Campbell	12/06/19	Continue, as of 12/6, to prepare Exhibit C1 (Task 5 portion) of 8th fee statement (deferred time)	1.7	\$ 162.50	\$ 276.25
Celeste Campbell	12/06/19	Continue, as of 12/6, manager review of Task 3 (Exhibit C1) portion of 6th fee statement	1.2	\$ 162.50	\$ 195.00
Juanita Garza	12/06/19	Continue, as of 12/06/19, to prepare exhibit C12 for inclusion in monthly fee statement.	0.9	\$ 137.50	\$ 123.75
Celeste Campbell	12/09/19	Update 5th fee narrative with footnote, revised numbers	0.5	\$ 162.50	\$ 81.25
Celeste Campbell	12/09/19	Continue, as of 12/9, preparation of Exhibit C1 (inclusive of deferred time (thru September) in anticipation of supplemental retention order filing.	3.2	\$ 162.50	\$ 520.00
Celeste Campbell	12/09/19	Continue, from earlier on 12/9, preparation of Exhibit C1 (inclusive of deferred time (thru September) in anticipation of supplemental retention order filing.	1.8	\$ 162.50	\$ 292.50
Juanita Garza	12/09/19	Continue, as of 12/09/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (May) services in supplemental retention application.	3.4	\$ 137.50	\$ 467.50
Juanita Garza	12/09/19	Continue, from earlier on 12/09/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (May) services in supplemental retention application.	2.5	\$ 137.50	\$ 343.75
Juanita Garza	12/09/19	Continue, (2nd) from earlier on 12/09/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (May) services in supplemental retention application.	3.0	\$ 137.50	\$ 412.50
Celeste Campbell	12/10/19	Update / incorporate meeting attendee charts into final version of fee statement. 1.6 Finalize 5th narrative (apply signature, PDF & combine) 0.3 Email narrative / exhibits to G. Armstrong (KPMG) requesting partner approval to file 0.2; Update 6th fee statement to include footnote and revised numbers. 0.4	2.5	\$ 162.50	\$ 406.25
Celeste Campbell	12/10/19	Continue, as of 12/10, to prepare Exhibit C1 (inclusive of deferred AMS time (thru September))	2.5	\$ 162.50	\$ 406.25
Juanita Garza	12/10/19	Continue, as of 12/10/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (June) services in supplemental retention application.	3.8	\$ 137.50	\$ 522.50

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**Fee Application Preparation Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Juanita Garza	12/10/19	Continue, from earlier on 12/10/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (June) services in supplemental retention application.	3.6	\$ 137.50	\$ 495.00
Celeste Campbell	12/11/19	Continue, as of 12/11, to prepare Exhibit C13 exhibit inclusive of deferred time associated with services anticipated to be approved as part of supplemental application.	0.8	\$ 162.50	\$ 130.00
Juanita Garza	12/11/19	Extract receipts to provide to fee examiner / court / PG&E as required.	1.5	\$ 137.50	\$ 206.25
Juanita Garza	12/11/19	Continue, as of 12/11/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement in anticipation of approval of (July) services in supplemental retention application.	3.7	\$ 137.50	\$ 508.75
Juanita Garza	12/11/19	Continue, from earlier on 12/11/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement including deferred time associated with (July) services approved in the supplemental retention order filed 12/11	3.2	\$ 137.50	\$ 440.00
Celeste Campbell	12/12/19	Begin preparing Exhibit C10 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	12/12/19	Begin preparing Exhibit C11 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	12/12/19	Continue, as of 12/13, to prepare Exhibit C13 exhibit (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	12/12/19	Begin preparing Exhibit C14 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	0.9	\$ 162.50	\$ 146.25
Celeste Campbell	12/12/19	Begin preparing Exhibit C9 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	1.5	\$ 162.50	\$ 243.75
Celeste Campbell	12/12/19	Begin preparing Exhibit C12 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	1.1	\$ 162.50	\$ 178.75
Juanita Garza	12/12/19	Continue, as of 12/12/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement including deferred time associated with (July) for services approved in the supplemental retention order filed 12/11	3.6	\$ 137.50	\$ 495.00

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**Fee Application Preparation Services
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Name	Date	Description	Hours	Rate	Amount
Juanita Garza	12/12/19	Continue, from earlier on 12/12/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement including deferred (August) time associated with services approved in the supplemental retention order filed 12/11	3.4	\$ 137.50	\$ 467.50
Celeste Campbell	12/13/19	Continue, as of 12/13, preparation of Exhibit C10 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	3.0	\$ 162.50	\$ 487.50
Celeste Campbell	12/13/19	Continue, as of 12/13, to prepare Exhibit C11 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	0.8	\$ 162.50	\$ 130.00
Juanita Garza	12/13/19	Continue, as of 12/13/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement including deferred (August) time associated with services approved in the supplemental retention order filed 12/11	3.8	\$ 137.50	\$ 522.50
Juanita Garza	12/13/19	Continue, from earlier on 12/13/19, to prepare assigned portion of exhibit C9 for inclusion in 6th monthly fee statement including deferred (August) time associated with services approved in the supplemental retention order filed 12/11	3.4	\$ 137.50	\$ 467.50
Juanita Garza	12/14/19	Continue, as of 12/14/19, to prepare SiteMinder to Ping Access 2019 exhibit for inclusion in monthly fee statement including deferred (Sept) time associated with services approved in the supplemental retention order filed 12/11	1.3	\$ 137.50	\$ 178.75
Celeste Campbell	12/15/19	Continue, as of 12/15, preparation of Exhibit C10 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	1.6	\$ 162.50	\$ 260.00
Celeste Campbell	12/15/19	Continue, as of 12/15, preparation of Exhibit C11 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	12/15/19	Continue, as of 12/15, preparation of Exhibit C13 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	0.7	\$ 162.50	\$ 113.75
Juanita Garza	12/15/19	Continue, as of 12/15/19, to prepare SiteMinder to Ping Access 2019 exhibit for inclusion in monthly fee statement including deferred (Sept) time associated with services approved in the supplemental retention order filed 12/11	3.3	\$ 137.50	\$ 453.75
Juanita Garza	12/15/19	Continue, from earlier on 12/15/19, to prepare SiteMinder to Ping Access 2019 exhibit for inclusion in monthly fee statement including deferred (Sept) time associated with services approved in the supplemental retention order filed 12/11	2.7	\$ 137.50	\$ 371.25

EXHIBIT C8

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Fee Application Preparation Services
 December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	12/16/19	Access docket to pull information for interim hearing to send to G. Armstrong (KPMG) (determine hearing cancelled,) update G. Armstrong re same .3; Prepare 7-19 allocation / consolidated invoice instructions factoring in 80%/20% complication due to bankruptcy to guide application of payment when received 1.7;	2.0	\$ 162.50	\$ 325.00
Celeste Campbell	12/16/19	Finalize C10 in advance of sending to M. Plangman (KPMG) for associate director review as required in advance of partner review process 1.1 ;	1.1	\$ 162.50	\$ 178.75
Celeste Campbell	12/16/19	Finalize C11 in advance of sending to M. Plangman (KPMG) for associate director review as required in advance of partner review process	0.9	\$ 162.50	\$ 146.25
Celeste Campbell	12/16/19	Continue, as of 12/16, to prepare 7-19 allocation / consolidated invoice instructions factoring in 80%/20% complication due to bankruptcy	1.4	\$ 162.50	\$ 227.50
Celeste Campbell	12/16/19	Begin manager review of designated portion of Exhibit 12 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	1.0	\$ 162.50	\$ 162.50
Juanita Garza	12/16/19	Continue, as of 12/16/19, to prepare SiteMinder to Ping Access 2019 exhibit for inclusion in monthly fee statement including deferred time associated with services approved in the supplemental retention order filed 12/11	3.0	\$ 137.50	\$ 412.50
Juanita Garza	12/16/19	Continue, from earlier on 12/16/19, to prepare SiteMinder to Ping Access 2019 exhibit for inclusion in monthly fee statement including deferred time associated with services approved in the supplemental retention order filed 12/11	1.4	\$ 137.50	\$ 192.50
Juanita Garza	12/16/19	Continue, as of 12/16/19, to prepare Encroachment Permitting Spend Analysis for inclusion in monthly fee statement	0.5	\$ 137.50	\$ 68.75
Juanita Garza	12/16/19	Continue, as of 12/16/19, to prepare Investigation / Forensic exhibit for inclusion in monthly y fee statement.	2.2	\$ 137.50	\$ 302.50
Celeste Campbell	12/17/19	Prepare invoice documentation with supporting detail in format requested by PG&E Law Finance for 5th fee statement (A & B invoice with supporting detail for each exhibit sorted & subtotaled by person)	3.0	\$ 162.50	\$ 487.50
Celeste Campbell	12/17/19	Continue, as of 12/17, manager review of designated portion of Exhibit 12 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	2.0	\$ 162.50	\$ 325.00
Juanita Garza	12/17/19	Continue, as of 12/16/19, to prepare Encroachment Permitting Spend Analysis for inclusion in monthly fee statement	0.2	\$ 137.50	\$ 27.50
Juanita Garza	12/17/19	Continue, as of 12/16/19, to prepare Investigation / Forensic exhibit for inclusion in monthly y fee statement.	0.9	\$ 137.50	\$ 123.75

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Fee Application Preparation Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	12/18/19	Finalize Exhibit C13 (6th) in advance of associate director review in order continue review process required in advance of filing.	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	12/18/19	Begin manager review of designated portion of Exhibit C9 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	3.4	\$ 162.50	\$ 552.50
Celeste Campbell	12/18/19	Continue, as of 12/18, manager review of Exhibit 12 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11. 1.7; Finalize Exhibit C12 (.5), send with explanatory email A. Cools, R. Goy (KPMG) for review / approval in advance of partner review (.2)	2.5	\$ 162.50	\$ 406.25
Monica Plangman	12/18/19	Associate director review Exhibit C15, concurrently providing comments.	1.6	\$ 212.50	\$ 340.00
Monica Plangman	12/18/19	Associate director review of exhibit C11 and concurrently provide comments	0.5	\$ 212.50	\$ 106.25
Celeste Campbell	12/19/19	Check PG&E docket for Fee / Fee Examiner new developments, pull down to documents regarding the 1st interim hearing 0.1 Read D.I. 5167 & 5168 and update G. Armstrong regarding rescheduled hearing. 0.4	0.5	\$ 162.50	\$ 81.25
Celeste Campbell	12/19/19	Finalize Exhibit C10 6th (.5), draft email with instructions for review, send to G. Mathur (KPMG) for review in advance of partner review 0.7	1.2	\$ 162.50	\$ 195.00
Celeste Campbell	12/19/19	Finalize Exhibit C11 (6th) (.9); draft email with instructions, send to M. Thareja (KPMG) for review in advance of partner review 0.4	1.3	\$ 162.50	\$ 211.25
Celeste Campbell	12/19/19	Prepare December accrual estimate for AMS project for PG&E as requested by G. Armstrong (KPMG)	0.8	\$ 162.50	\$ 130.00
Celeste Campbell	12/19/19	Pull SYNC report for the period of 12.1 - 12.13, create summary report, review for new professionals, update distribution list, send weekly email reminder	0.4	\$ 162.50	\$ 65.00
Celeste Campbell	12/20/19	Continue, as of 12/20, manager review of designated portion of Exhibit C9 (inclusive of all deferred time) for inclusion in 6th fee statement as services were approved in supplemental retention order filed 12.11.	3.8	\$ 162.50	\$ 617.50
Celeste Campbell	12/30/19	Begin updating Exhibit D1 of 6th fee statement to include deferred expenses associated services approved as of 12.11.	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	12/31/19	Continue, as of 12/31, updating Exhibit D1 of 6th fee statement to include deferred expenses associated services approved as of 12.11.	2.9	\$ 162.50	\$ 471.25
Total Fee Application Preparation Services			151.7		\$ 22,723.75

EXHIBIT C9**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

IT Software Services (Phase II)

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/02/19	Application 8 Deployment to QA environment meeting with A. Ramakrishnan, J. Altuna, M. Lee, S. Hunt, and S. Lam (PG&E).	3.0	\$ 225.00	\$ 675.00
Matthew Rice	12/02/19	Working session with R. Bhaskara (KPMG) to develop mock up of proposed impersonation adapter screen changes for PingFederate.	2.4	\$ 225.00	\$ 540.00
Matthew Rice	12/02/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) to discuss status, next steps, as of 12/02/19, to ensure alignment with client priorities based on current client communications regarding same.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	12/02/19	Technical status / analyzing session to review the status, as of 12/02/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), R. Villegas, R. Bhaskara, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/02/19	Analyzing session around Application 2 ProxyView defects that were discovered by test team with L. Milum, A. Nadipally, R. Jeyarajan, S. Batchu (PG&E), R. Nagdeo (KPMG).	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/02/19	DEV environment: Review all Load Balancer VIP's, concurrently determining which were configured in DNS (Domain Name Service) to correctly yield the proper VIP entry. (.7) Draft email for L. Milum (PG&E) to obtain her input. (.1)	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/02/19	Support PENetration testing call with Optiv (Testers / Managers), S. Hunt, L. Milum, and M. Pulivarthi (PG&E).	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/02/19	Replicate Application 2 login / redirection issues for user in TEST, concurrently drafting email requesting Load Balancer assistance to J. Phillip, B. Deutsch, S. Hu, S. Batchu, and M. Pulivarthi (PG&E).	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/02/19	Meeting with S. Hunt and D. Wong (PG&E) to discuss open items and Application 30 DNS changes.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/02/19	Review email documentation around defects created for Application 13 in TEST, concurrently logging in new items in MS Project for defects for tracking purposes. .5; Draft email to S. Hunt, R. Jeyarajan, M. Pulivarthi, S. Batchu, A. Nadipally, N. Dsouza, J. Paul, L. Milum (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) with mocked up photos after confirming with R. Bhaskara (KPMG) that the work / changes could be made .1	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/02/19	Performed testing for Application 1 Proxy application in TEST to confirm Impersonation use case has issues.	1.0	\$ 225.00	\$ 225.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

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IT Software Services (Phase II)

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/02/19	Working session with M. Rice (KPMG) to develop mockup of proposed impersonation adapter screen changes for PingFederate.	2.4	\$ 225.00	\$ 540.00
Rama Bhaskara	12/02/19	Meeting with M. Rice, R. Nagdeo, R. Villegas (KPMG) to discuss current status, next steps, as of 12/02/19, to ensure alignment with client priorities based on client communications regarding same.	1.4	\$ 225.00	\$ 315.00
Rama Bhaskara	12/02/19	Technical status / analyzing session to review the status, as of 12/02/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Villegas, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Rob Villegas	12/02/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) to discuss current status, next steps, as of 12/02/19, to ensure alignment with client priorities based on current client communications regarding same.	1.4	\$ 225.00	\$ 315.00
Rob Villegas	12/02/19	Technical status / analyzing session to review the status, as of 12/02/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Nagdeo (KPMG). (partial attendance)	0.9	\$ 225.00	\$ 202.50
Rohit Nagdeo	12/02/19	Working session with S. Gupta, S. Lam, and M. Lee (PG&E) for Application 27 application DR and production readiness testing.	1.7	\$ 225.00	\$ 382.50
Rohit Nagdeo	12/02/19	Meeting with R. Nagdeo (KPMG), M. Pulvarthi, and S. Modupalli (PG&E) to resolve issue due to N. Alugupally's (PG&E SME for Application 9) report of a certificate warning issue with ETDFS application.	1.6	\$ 225.00	\$ 360.00
Rohit Nagdeo	12/02/19	Meeting with R. Bhaskara, M. Rice, R. Villegas (KPMG) to discuss next steps, as of 12/02/19, to ensure alignment with client priorities based on current client communications regarding same.	1.4	\$ 225.00	\$ 315.00
Rohit Nagdeo	12/02/19	Meeting with C. Kalakota, K. Visram, G. Riar, and M. Lee (Application 7 Stakeholders) regarding the open issues, as of 12/02/19.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	12/02/19	Technical status / analyzing session to review the status, as of 12/02/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Villegas (KPMG).	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/02/19	Analyzing session around Application 2 ProxyView defects that were discovered by test team with L. Milum, A. Nadipally, R. Jeyarajan, S. Batchu (PG&E), M. Rice (KPMG).	0.8	\$ 225.00	\$ 180.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.
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December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/03/19	Perform additional testing for Application 1 for implementation for Impersonation policy modifications in DEV, concurrently noting issues in Application 1 Portal application (.6) and draft email to M. Pulivarthi and S. Batchu (PG&E) regarding same (.1).	0.7	\$ 225.00	\$ 157.50
Rama Bhaskara	12/03/19	Application 30 DNS touch base meeting S. Lam, M. Cater, S. Hunt, C. Bell (PG&E), M. Rice (KPMG) before proposed changes on Saturday, December 7th.	0.7	\$ 225.00	\$ 157.50
Rama Bhaskara	12/03/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) to discuss current status, next steps, as of 12/03/19, to ensure alignment with client priorities based on client communications regarding same.	0.8	\$ 225.00	\$ 180.00
Rama Bhaskara	12/03/19	Technical status / analyzing session to review the status, as of 12/03/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Villegas, R. Nagdeo (KPMG).	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/03/19	Meeting with A. Nadipally, S. Modupalli (PG&E), M. Rice (KPMG) to discuss and showcase defects for Application 13	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/03/19	Performed the Testing for Application 2 Proxy Logout scenarios in DEV environment.	1.3	\$ 225.00	\$ 292.50
Rama Bhaskara	12/03/19	Updated, as of 12/03/19, the Application 8 deployment guide with missing PingFederate Adapter, concurrently incorporating into the PGE SharePoint	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/03/19	Draft follow-up email reply to S. Watanabe, R. Kolli, K. Su, S. Thakur, M. Enslow, B. Thomas, S. Hunt, J. Altuna, S. Lam (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) requesting details around OS upgrade for web servers.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/03/19	Draft follow-up email to G. Man (PG&E) around SAP developer for issue 757 which was found to have different behavior in lower environments versus PROD.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/03/19	MS Teams conversation with S. Hunt (PG&E) requesting her assistance getting responses to the email chain regarding details around OS upgrade for web servers.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/03/19	Draft email follow-up to C. Wong, D. Wong, B. Thomas, S. Hunt, L. Milum, A. Nadipally (PG&E) regarding username / password errors.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	12/03/19	Draft email reply to J. Altuna, P. Yandapalli, S. Lam, S. Yue, G. Nagothu, S. Loganathan, A. Sinha (PG&E Application 24 Team) R. Nagdeo (KPMG) regarding questions they had around architecture that was presented in earlier meeting.	0.6	\$ 225.00	\$ 135.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
IT Software Services (Phase II)
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/03/19	Application 30 DNS touch base meeting S. Lam, M. Cater, S. Hunt, C. Bell (PG&E), R. Bhaskara (KPMG) before proposed changes on Saturday, December 7th.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	12/03/19	Application 24 meeting with. S. Yue, P. Yandapalli, A. Sharma, J. Altuna, S. Lam, S. Loganathan (PG&E), R. Nagdeo (KPMG) to review architecture changes	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/03/19	Draft email to T. Benson, L. Milum, S. Lam, M. Cater, S. Hunt, C. Bell (PG&E), R. Villegas, R. Bhaskara (KPMG) outlining all changes, noting responsible parties for tasks, and schedule of events for Application 30 DNS changes scheduled for Saturday, December 7th.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/03/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) to discuss status, next steps, as of 12/03/19, to ensure alignment with client priorities based on current client communications regarding same.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/03/19	Technical status / analyzing session to review the status, as of 12/03/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), R. Villegas, R. Bhaskara, R. Nagdeo (KPMG).	1.1	\$ 225.00	\$ 247.50
Matthew Rice	12/03/19	Meeting with A. Nadipally, S. Modupalli (PG&E), R. Bhaskara (KPMG) to discuss and showcase defects for Application 13	1.1	\$ 225.00	\$ 247.50
Matthew Rice	12/03/19	Perform updates, as of 12/03/19, MS Project focusing on Application 2 ProxyView application defects / status, Application 13 application defects, status, as well as items that have been updated throughout the day from various team members.	1.4	\$ 225.00	\$ 315.00
Rob Villegas	12/03/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) to discuss current status, next steps, as of 12/03/19, to ensure alignment with client priorities based on current client communications regarding same.	0.8	\$ 225.00	\$ 180.00
Rob Villegas	12/03/19	Technical status / analyzing session to review the status, as of 12/03/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Nagdeo (KPMG). (partial attendance)	0.9	\$ 225.00	\$ 202.50
Rohit Nagdeo	12/03/19	Application 24 meeting with. S. Yue, P. Yandapalli, A. Sharma, J. Altuna, S. Lam, S. Loganathan (PG&E), R. Nagdeo (KPMG) to review architecture changes	0.8	\$ 225.00	\$ 180.00

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IT Software Services (Phase II)

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	12/03/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) to discuss next steps, as of 12/03/19, to ensure alignment with client priorities based on current client communications regarding same.	0.8	\$ 225.00	\$ 180.00
Rohit Nagdeo	12/03/19	Technical status / analyzing session to review the status, as of 12/03/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Villegas (KPMG).	1.1	\$ 225.00	\$ 247.50
Rohit Nagdeo	12/03/19	Analyzing session with N. Augupally (PG&E) regarding the forbidden error faced by the user.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	12/03/19	Analyzing the policy error issues reported by application 9 owner when logging to the application 9.	1.7	\$ 225.00	\$ 382.50
Rohit Nagdeo	12/03/19	Meeting with J. Altuna and N. Gupta (PG&E) to analyze the Application 12 in the Development environment as it reported the "webserver bridge failure" issue in Dev environment.	2.3	\$ 225.00	\$ 517.50
Rama Bhaskara	12/04/19	Meeting with R. Nagdeo, M. Rice, R. Villegas (KPMG) to discuss current status, next steps, as of 12/04/19, to ensure alignment with client priorities based on client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/04/19	Meeting to review the Application 2 Proxy impersonation error description with R. Jeyarajan and A. Nadipally (PG&E).	0.8	\$ 225.00	\$ 180.00
Rama Bhaskara	12/04/19	Performed additional testing for Application 25 in TEST environment after having initial discussion for logout url changes applied by B. Thomas(PG&E).	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/04/19	Performed analysis for defect 1000 opened by Testing team for Not-Authorization screen issue in Application 13 application.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/04/19	User Acceptance Testing (UAT) Results Meeting to walk through Application 2 Proxy impersonation use case and clarify questions / response from CSR team in a WebEx shared session with A. Nadipally, B. Surendra, P. Jincy, A. Lane, A. Reyes, S. Elbarti (PG&E CRS Team), M. Rice (KPMG).	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/04/19	Technical status / analyzing session to review the status, as of 12/04/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), M. Rice, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/04/19	Meeting with A. Ramakrishnan (PG&E) regarding Preview host information for Application 8 and required steps for FER and DNS changes in QA environment.	1.5	\$ 225.00	\$ 337.50

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PG&E Corporation and PG&E Company, et.al.

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/04/19	Performed Impersonation policy changes to Application 1 Proxy logic in TEST environment, concurrently validating the Application 1 Proxy use cases in TEST environment.	1.6	\$ 225.00	\$ 360.00
Matthew Rice	12/04/19	Draft email reply to J. Sunderrajan and S. Batch (PG&E) requesting clarification on system to do testing for changes.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/04/19	Draft email reply to A. Nadipally and S. Hunt (PG&E) requesting for a defect to be raised for Application 1, Application 3, Application 2 when an account lockout happens.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/04/19	Draft email reply to S. Modupalli, K. McNeel-Caird, I .Mohammad, V. Pidatala, L. Milum, A. Saka, R. Jeyarajan, M. Pulivarthi, R. Patibandla, S. Hunt, (PG&E Application 32 team), R. Bhaskara (KPMG) informing them of next steps to start migration to Ping platform.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/04/19	Draft email to R. Bhaskara (KPMG) requesting clarification around DNS names and Load Balancer VIP names for new environment for Application 8 in QA.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/04/19	Draft email to K. Su, J. Altuna, L. Milum, S. Hunt, S. Lam (PG&E), R. Villegas (KPMG) summarizing why a new AD group is needed, the design decisions moving forward, and requesting approval.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/04/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) to discuss status, next steps, as of 12/04/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/04/19	MS Teams chat with R. Jeyarajan, M. Pulivarthi, L. Milum, S. Hunt (PG&E) regarding Application 5 and Application 6 baseline deployment to PING in QA for Optiv PENetration testing that is scheduled to start tomorrow, 12/5/19.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/04/19	Draft mass email to C. Kalakota, K. Visram, C. Bell, T. Yuen, S. Tang, G. Ruffner, O. Trinko, D. Rocksvold, B. Keane, M. Gonzales, S. Lim, D. Aguilar, S. Moorleghen, B. Peter, M. Esguerra, S. Saddik, B. Thomas, L. Milum, K. Tschoe, C. DiGiovanni, J. Cummings, E. Tompos, S. Hunt, S. Lam, M. Carter (PG&E), R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) requesting PG&E to provide a list of stakeholders that would like to be notified of Application 30 DNS changes that are being made this Saturday, December 7, 2019.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/04/19	UAT Results Meeting to walk through Application 2 Proxy impersonation use case and clarify questions / response from CSR team in a WebEx shared session with A. Nadipally, B. Surendra, P. Jincy, A. Lane, A. Reyes, S. Elbarti (PG&E CRS Team), R. Bhaskara (KPMG).	1.0	\$ 225.00	\$ 225.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.
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IT Software Services (Phase II)
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/04/19	Technical status / analyzing session to review the status, as of 12/04/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), R. Bhaskara, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/04/19	Perform Application 2 debugging for Single Sign on with Application 1.	3.1	\$ 225.00	\$ 697.50
Rob Villegas	12/04/19	Meeting with R. Bhaskara, M. Rice, R. Nagdeo (KPMG) to discuss current status, next steps, as of 12/04/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/04/19	Meeting with R. Bhaskara, M. Rice, R. Villegas (KPMG) to discuss next steps, as of 12/04/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/04/19	Analysis with M. Pulavarthi (PG&E) regarding the defect reported by the Application 5 in Test environment.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/04/19	Technical status / analyzing session to review the status, as of 12/04/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), M. Rice, R. Bhaskara (KPMG).	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/04/19	Created the Architecture diagram for Application 24 application to map the change proposed by the ping team to resolve the intermittent issues faced by the team.	2.5	\$ 225.00	\$ 562.50
Rohit Nagdeo	12/04/19	Analyze the reason the ICA maps were not overlaying the information on the map with G. Riar (PG&E).	2.8	\$ 225.00	\$ 630.00
Rama Bhaskara	12/05/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) to discuss current status, next steps, as of 12/05/19, to ensure alignment with client priorities based on client communications regarding same.	0.6	\$ 225.00	\$ 135.00
Rama Bhaskara	12/05/19	Performed the unit testing for Application 1 Proxy. (.5) Call with M. Pulivarthi (PG&E), concurrently drafting email with identified issues to API Gateway Team and B. Deutsch (PG&E). (.2)	0.7	\$ 225.00	\$ 157.50
Rama Bhaskara	12/05/19	Debugging session with R. Nagdeo, M. Rice (KPMG) regarding Application 5 and "Setup Tenant" redirecting user to enrollment sometimes but not others.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/05/19	Technical status / analyzing session to review the status, as of 12/05/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), M. Rice, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00

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December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/05/19	Working session with R. Nagdeo (KPMG) to analyze during a WebEx screen share session the Application 5 add tenant use case scenario.	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/05/19	Investigated Impersonation template box shading issues in DEV environment, concurrently applying the fix for removing the shadow in error screens.	1.3	\$ 225.00	\$ 292.50
Rama Bhaskara	12/05/19	Updating, as of 12/05/19, the Impersonation Deployment document for recent policy changes that were applied in DEV / TEST.	2.0	\$ 225.00	\$ 450.00
Matthew Rice	12/05/19	Review email from K. Tschoe (PG&E), concurrently drafting email regarding the best way for the PG&E team to alert before and after scheduled DNS update changes for Application 30 - CRQ 22821 per K. Tschoe's request.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/05/19	Meeting with R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/05/19, to ensure alignment with client priorities based on current client communications regarding same.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/05/19	Debugging session with R. Nagdeo, R. Bhaskara (KPMG) regarding Application 5 and "Setup Tenant" redirecting user to enrollment sometimes but not others.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/05/19	Technical status / analyzing session to review the status, as of 12/05/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), R. Bhaskara, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/05/19	Generated list of PG&E employees / consultants currently working on this project, concurrently itemizing their roles (1.0) and drafting email to S. Rai (PG&E) with list (.2)	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/05/19	Continue, as of 12/05/19, debugging / analyzing the Application 1 SSO with Application 2 which included extracting / setting up Fiddler to capture / analyze network traffic.	3.3	\$ 225.00	\$ 742.50
Rob Villegas	12/05/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) to discuss current status, next steps, as of 12/05/19, to ensure alignment with client priorities based on current client communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/05/19	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) to discuss next steps, as of 12/05/19, to ensure alignment with client priorities based on current client communications regarding same.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	12/05/19	Debugging session with M. Rice, R. Bhaskara (KPMG) regarding Application 5 and "Setup Tenant" redirecting user to enrollment sometimes but not others.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	12/05/19	Review the review comments from by L. Milum (PG&E) regarding the Application 5 deployment guide.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/05/19	Technical status / analyzing session to review the status, as of 12/05/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), M. Rice, R. Bhaskara (KPMG).	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/05/19	Working session with R. Bhaskara (KPMG) to analyze during a WebEx screen share session the Application 5 add tenant use case scenario.	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/05/19	Production deployment plan meeting for Application 27 application with L. Milum, S. Gupta, and S. Hunt (PG&E).	1.4	\$ 225.00	\$ 315.00
Rohit Nagdeo	12/05/19	Continue, as of 12/05/19, to analyze the issue related to the Application 5 Tenant enrollment.	1.6	\$ 225.00	\$ 360.00
Rama Bhaskara	12/06/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) to discuss current status, next steps, as of 12/06/19, to ensure alignment with client priorities based on client communications regarding same.	0.4	\$ 225.00	\$ 90.00
Rama Bhaskara	12/06/19	Performed configuration changes for impersonation error template screens for removing ping banner / ping copyright statement in DEV.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/06/19	Analyzing session regarding Application 5 add tenant issue in DEV / TEST and determining why "Setup Tenants" button flow sometimes succeeds / sometimes fails in a WebEx shared session with M. Rice (KPMG).	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/06/19	Technical status / analyzing session to review the status, as of 12/06/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), M. Rice, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/06/19	Continue, as of 12/06/19, to analyze the Application 5 issues in DEV / TEST, concurrently determining why "Setup Tenants" button flow sometimes succeeds / sometimes fails with M. Rice R. Nagdeo (KPMG).	1.5	\$ 225.00	\$ 337.50
Rama Bhaskara	12/06/19	Perform bug fixes for Application 13 Not-Authorization screen box shadowing issue in DEV.	2.4	\$ 225.00	\$ 540.00
Matthew Rice	12/06/19	Draft email reply to M. Pulivarthi (PG&E) asking him to provide Application 6 API documentation to Optive PENetration testers.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/06/19	Meeting with R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/06/19, to ensure alignment with client priorities based on current client communications regarding same.	0.4	\$ 225.00	\$ 90.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/06/19	Analyzing session regarding Application 5 add tenant issue in DEV / TEST and determining why "Setup Tenants" button flow sometimes succeeds / sometimes fails in a WebEx shared session with R. Bhaskara (KPMG).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/06/19	Technical status / analyzing session to review the status, as of 12/06/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), R. Bhaskara, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/06/19	Continue, as of 12/06/19, to analyze the Application 5 issues in DEV / TEST, concurrently determining why "Setup Tenants" button flow sometimes succeeds / sometimes fails with R. Bhaskara R. Nagdeo (KPMG).	1.5	\$ 225.00	\$ 337.50
Matthew Rice	12/06/19	Continue, as of 12/6, to prepare a work around "Custom Work Required After Ping Version Upgrade.docx".	3.4	\$ 225.00	\$ 765.00
Rob Villegas	12/06/19	Meeting with M. Rice, R. Nagdeo, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/06/19, to ensure alignment with client priorities based on current client communications regarding same.	0.4	\$ 225.00	\$ 90.00
Rob Villegas	12/06/19	Update, as of 12/06/19, the project status report (.4) and drafting email to S. Hunt (PG&E) regarding same(.1).	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/06/19	Meeting with R. Villegas, M. Rice, R. Bhaskara (KPMG) to discuss next steps, as of 12/06/19, to ensure alignment with client priorities based on current client communications regarding same.	0.4	\$ 225.00	\$ 90.00
Rohit Nagdeo	12/06/19	Technical status / analyzing session to review the status, as of 12/06/19, of developers action items in the MS Project Plan with A. Saka, J. Phillip, S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Hu, S. Modupalli, (PG&E), R. Bhaskara, M. Rice (KPMG).	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/06/19	Meeting with S. Gupta (PG&E) to enter the details to submit the change request and network / firewall changes request for Application 27 application production deployment.	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/06/19	Continue, as of 12/06/19, to analyze the Application 5 issues in DEV / TEST, concurrently determining why "Setup Tenants" button flow sometimes succeeds / sometimes fails with R. Bhaskara M. Rice (KPMG).	1.5	\$ 225.00	\$ 337.50
Rohit Nagdeo	12/06/19	Meeting with M. Pulavarthi (PG&E) regarding the tenant enrollment defect reported by the Application 5 in Test environment.	1.6	\$ 225.00	\$ 360.00
Rohit Nagdeo	12/06/19	Attempt to reproduce the issues reported by Application 12 team, however the unable to reproduce.	2.1	\$ 225.00	\$ 472.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/08/19	Draft email response to J. Sunderrajan, R. Breed, S. Thakur, K. Shah, S. Batchu, A. Nemani, and G. Yee (PG&E MW OPS) requesting details around WO275990.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/08/19	Draft email to M. Pulivarthi and R. Jeyarajan (PG&E) asking if the Application 6 code baseline was migrated to all three environments after defect 1004 was validated as being fixed in TEST.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/08/19	Draft email to R. Nagdeo with R. Villegas (KPMG) regarding questions and details for Application 14 External / Internal applications moving into the TEST environment.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/08/19	Draft email to J. Altuna with M. Pulivarthi, R. Jeyarajan, and L. Milum (PG&E) requesting follow-up around Web Server proxy instances and their back-end Application Server hosts as recently in DEV, the proxy failed to communicate to WLS and the determination was that is was a SSL issue as Web Server could not support TLSv1.2 that EUM/EIM/Application 6 Application Server domain was recently configured.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/08/19	Draft email to L. Milum (PG&E) and R. Bhaskara (KPMG) regarding a question around SMD and whether or not the client base needed to be updated like other applications required in LDAP. (.2) Draft email to A. Nadipally, N. Dsouza, and J. Paul (PG&E) with questions regarding Defect 1010 and what specific portions of SMD, Application 2 / Application 2 that is affected. (.1)	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/08/19	Perform MS Project Updates, as of 12/08/19, concurrently incorporating additional details / placeholders for Big Bang Applications that haven't been addressed yet.	3.3	\$ 225.00	\$ 742.50
Rama Bhaskara	12/09/19	Meeting with M. Rice R. Villegas (KPMG) to discuss current status, next steps, as of 12/09/19, to ensure alignment with client priorities based on client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/09/19	Technical status / analyzing session to review the status, as of 12/09/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Villegas (KPMG).	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/09/19	Perform testing for Application 25 for SLO functionality in TEST environment.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/09/19	Analyze the Application 13 defect 1002 by gathering the details / performing analysis in DEV environment. (1.0) Conversation with N. Anusha(PG&E) regarding same. (.2)	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/09/19	Perform the unit testing for SAPHR application for multiple user scenarios in QA environment.	1.3	\$ 225.00	\$ 292.50

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/09/19	Analyze the Application 1 Proxy SearchUser issue in DEV environment (1.3) and draft email with findings from DEV environment to P. Murali (PG&E) (.2).	1.5	\$ 225.00	\$ 337.50
Rama Bhaskara	12/09/19	Perform the analysis for PingFederate Upgrade for impersonation custom adapter setup, concurrently updating the relevant document sections.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	12/09/19	Draft email reply to S. Tang (PG&E) regarding Application 30 DNS changes that did not happen on Saturday, December 7th.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/09/19	Call with A. Nadipally and R. Jeyarajan (PG&E) regarding which issues (bugs) needed to be reconciled with the Operations & Management Team (O&M Team).	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/09/19	Draft email to S. Mineo, B. Cathey, M. Gaeta, L. Merola (all Ping), with R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) requesting Ping's technical assistance with the defect that Application 5 is seeing in lower environments as no determination of why it happens was discovered by the KPMG team. much of last week.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/09/19	Meeting with R. Villegas, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/09/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/09/19	Draft email chain reply to J. Altuna, S. Batchu, S. Lam (PG&E) and R. Bhaskara (KPMG) to gather details around issues noted for a deployed application / coherence issues that were raised earlier in the day.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/09/19	Create Ping Support ticket to S. Mineo (PG&E) to extract files to assist with troubleshooting. (.2) Trim initial log file down because file editors wouldn't open it. (.4) Incorporate screenshots, concurrently trimming log files into the support ticket. (.2)	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/09/19	Technical status / analyzing session to review the status, as of 12/09/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), R. Bhaskara, R. Villegas (KPMG).	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/09/19	Merge, concurrently updating R. Nagdeo's (KPMG) portions of the "Custom Work After Ping Upgrade" document.	2.0	\$ 225.00	\$ 450.00
Matthew Rice	12/09/19	Perform MS Project updates, as of 12/09/19, to incorporate details for tracking purposes, concurrently synchronizing areas (software tasks, Analyze defects, Fix defects) for ultimate communication to client.	2.7	\$ 225.00	\$ 607.50

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	12/09/19	Meeting with M. Rice, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/09/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	12/09/19	Technical status / analyzing session to review the status, as of 12/09/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara (KPMG).	1.0	\$ 225.00	\$ 225.00
Rob Villegas	12/09/19	Set-up eAdvisory site, concurrently incorporating workpaper documentation.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/10/19	Update, as of 12/10/19, the Impersonation deployment guide for Impersonation Policy changes.	0.4	\$ 225.00	\$ 90.00
Rama Bhaskara	12/10/19	Meeting with R. Villegas, M. Rice, R. Nagdeo (KPMG) to discuss current status, next steps, as of 12/10/19, to ensure alignment with client priorities based on client communications regarding same.	0.7	\$ 225.00	\$ 157.50
Rama Bhaskara	12/10/19	Analyzing session regarding the PingAccess Issue with Application 5 with R. Nagdeo (KPMG).	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/10/19	Technical status / analyzing session to review the status, as of 12/10/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/10/19	Demonstration / analysis session with S. Mineo, B. Cathey, M. Lally (Ping Product Team), M. Rice (KPMG) regarding a Application 5 + PingAccess defect	1.4	\$ 225.00	\$ 315.00
Rama Bhaskara	12/10/19	Updates, as of 12/10/19, to the PingAccess Token time out setup to overcome the PA cookie Not refreshing issue in Application 2Portal.	1.5	\$ 225.00	\$ 337.50
Rama Bhaskara	12/10/19	Analyze the Application 5 Enrollment page issue in TEST environment.	1.8	\$ 225.00	\$ 405.00
Matthew Rice	12/10/19	Draft email to Y. Ortiz, S. Hunt, and A. Saka (PG&E) providing further clarification around our SiteMinder migration project and our request for other projects timelines and leaders.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/10/19	Call with S. Hunt (PG&E) regarding ownership of the project plan and leading team meetings.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	12/10/19	Meeting with R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/10/19, to ensure alignment with client priorities based on current client communications regarding same.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	12/10/19	Draft email outlining findings during call with K. Shanley (KPMG), Nagdeo, R. Bhaskara, R. Villegas (KPMG).	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/10/19	Call with K. Shanley (KPMG) regarding Ping cookie being recreated and causing Application 5 to fail user enrollment.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/10/19	Technical status / analyzing session to review the status, as of 12/10/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), R. Bhaskara, R. Nagdeo (KPMG).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/10/19	MS Teams conversation with J. Altuna, M. Pulivarthi, S. Hu, R. Muttavarapu (PG&E) regarding Application 3 login API failures in TEST environment and to do a root cause analysis.	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/10/19	Demonstration / analysis session with S. Mineo, B. Cathey, M. Lally (Ping Product Team), R. Bhaskara (KPMG) regarding a Application 5 + PingAccess defect	1.4	\$ 225.00	\$ 315.00
Matthew Rice	12/10/19	Analyzing session around Application 2 enrollment issue in TEST, concurrently determining that the PA cookie is not updated with the roles, and next steps for S. Batchu (PG&E) to make changes at application side.	1.6	\$ 225.00	\$ 360.00
Rob Villegas	12/10/19	Meeting with R. Nagdeo, M. Rice, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/10/19, to ensure alignment with client priorities based on current client communications regarding same.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	12/10/19	Communicate via email with S. Tang (PG&E) regarding reproducing the application issue with IE browser.	0.3	\$ 225.00	\$ 67.50
Rohit Nagdeo	12/10/19	Meeting with R. Villegas, M. Rice, R. Bhaskara (KPMG) to discuss next steps, as of 12/10/19, to ensure alignment with client priorities based on current client communications regarding same.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	12/10/19	Analyzing session regarding the PingAccess Issue with Application 5 with R. Bhaskara (KPMG).	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/10/19	Technical status / analyzing session to review the status, as of 12/10/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara (KPMG).	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/10/19	Meeting regarding Application 27 application DNS change in production change with S. Lam, S. Gupta, and L. Milum (PG&E).	1.8	\$ 225.00	\$ 405.00
Rama Bhaskara	12/11/19	Attend CAB meeting with W. Kelly, C. Matthew, M. Lee, S. Hunt (PG&E), M. Rice (KPMG) regarding approval for CRQ 22821 - update DNS for Application 30.pge.com to point to Load Balancer VIP.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/11/19	Performed the Impersonation policy changes for Application 1 Proxy application in PingFederate Dev environment.	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/11/19	Meeting with R. Nagdeo, M. Rice, R. Villegas (KPMG) to discuss current status, next steps, as of 12/11/19, to ensure alignment with client priorities based on client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/11/19	Performed fixes for defect 1002 (Application 13 Not-Authorization Page issue) in DEV environment.	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/11/19	Technical status / analyzing session to review the status, as of 12/11/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Modupalli, K. Chander (PG&E), M. Rice, R. Nagdeo, R. Villegas (KPMG).	1.3	\$ 225.00	\$ 292.50
Rama Bhaskara	12/11/19	Performed the unit testing for Application 1 Proxy application in DEV / analyze searchUser API issue (1.4) and send an email to P. Murali(PG&E) for further resolution (.1).	1.5	\$ 225.00	\$ 337.50
Rama Bhaskara	12/11/19	Analyze the Application 5 Enrollment issue in TEST environment, concurrently reviewing the Ping Access Logs to note refresh token issues.	2.0	\$ 225.00	\$ 450.00
Matthew Rice	12/11/19	Draft email to J. Sunderrajan, S. Batchu, G. Rajasekaran, S. Hunt, A. Nemani, G. Yee, and K. Shah (PG&E SAP Team) asking if changes have been made in the EI web service in QA (change EI to point to QAM vs QA8) could be made in lower environments as the CCSF project is making changes which broke application functionality for Application 2 and the defect that was raised around this was 757.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/11/19	Draft email to S. Hunt, L. Milum, K. Tschoe, C. Bell, R. Kunaparaju, B. Thomas (PG&E), R. Bhaskara (KPMG) regarding meeting for SAPHR DNS changes.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/11/19	Draft email reply to A. Chauhan, K. Chander, and A. Tan (PG&E) requesting Performance Testing for Application 16 in their QA environment.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/11/19	Attend SAP CAB meeting with W. Kelly, C. Matthew, M. Lee, S. Hunt (PG&E), R. Bhaskara (KPMG) regarding approval for CRQ 22821 - update DNS for Application 30.pge.com to point to Load Balancer VIP.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/11/19	Update, as of 12/11/19, the Ping Support ticket with findings from R. Bhaskara (KPMG) yesterday as well as our findings from today.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/11/19	Initial meeting K. Chander and S. Hunt, (PG&E) to walk through the project plan (or as much as possible in the timeframe) bringing K. Chander up to speed with the progress of the project overall.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/11/19	Meeting with R. Villegas, M. Rice, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/11/19, to ensure alignment with client priorities based on current client communications regarding same.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/11/19	Technical status / analyzing session to review the status, as of 12/11/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Modupalli, K. Chander (PG&E), R. Bhaskara, R. Nagdeo, R. Villegas (KPMG).	1.3	\$ 225.00	\$ 292.50
Matthew Rice	12/11/19	MS Project Update, as of 12/11/19, as Application 16 incorporated new tasks that were not previously represented due to email chain between A. Chauhan and A. Tan (PG&E), concurrently breaking out FER 102628 into individual applications for better tracking purposes.	2.5	\$ 225.00	\$ 562.50
Matthew Rice	12/11/19	Analyze the Application 5 issue regarding enrollment redirection defect that is failing in lower level environments.	2.7	\$ 225.00	\$ 607.50
Rob Villegas	12/11/19	Meeting with R. Nagdeo, M. Rice, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/11/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	12/11/19	Technical status / analyzing session to review the status, as of 12/11/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Modupalli, K. Chander (PG&E), M. Rice, R. Bhaskara, R. Nagdeo (KPMG). (partial attendance)	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/11/19	Draft communication to PG&E teams regarding meeting for Application 27 deployment to QA.	0.3	\$ 225.00	\$ 67.50
Rohit Nagdeo	12/11/19	Meeting with R. Villegas, M. Rice, R. Bhaskara (KPMG) to discuss next steps, as of 12/11/19, to ensure alignment with client priorities based on current client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/11/19	Technical status / analyzing session to review the status, as of 12/11/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Modupalli, K. Chander (PG&E), M. Rice, R. Bhaskara, R. Villegas (KPMG).	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	12/11/19	Analyze the security testing findings to determine next steps	1.9	\$ 225.00	\$ 427.50
Rohit Nagdeo	12/11/19	Remove the existing production VIP of Application 27 application.	3.5	\$ 225.00	\$ 787.50
Rama Bhaskara	12/12/19	Skype conversation with M. Rice (KPMG) to provide Access Denied page screen shots over skype conversation.	0.1	\$ 225.00	\$ 22.50
Rama Bhaskara	12/12/19	Application 30 meeting to ensure the team is ready for Saturday's DNS/Load Balancing changes with M. Carter, K. Chander, C. Bell, S. Hunt, S. Lam, B. Thomas (PG&E), M. Rice (KPMG).	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/12/19	Application 5 PALogout issue demonstration to Ping with B. Cathey, S. Mineo, M. Lalley (Ping).	0.5	\$ 225.00	\$ 112.50

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Rama Bhaskara	12/12/19	Performed the testing, concurrently analyzing “preview-Application 82qa” host not protected by Ping in QA issue.	0.9	\$ 225.00	\$ 202.50
Rama Bhaskara	12/12/19	Meeting with R. Nagdeo, M. Rice, R. Villegas (KPMG) to discuss current status, next steps, as of 12/11/19, to ensure alignment with client priorities based on client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/12/19	Performed unit testing for Application 25for triggering event use case in DEV environment.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/12/19	Technical status / analyzing session to review the status, as of 12/12/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Nagdeo, R. Villegas (KPMG).	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/12/19	Analyze Application 2 proxy uid issue in TEST environment (1.2), and Microsoft teams conversation with B. Surendra (PG&E) for clarifications (.2).	1.4	\$ 225.00	\$ 315.00
Rama Bhaskara	12/12/19	Performed modifications to custom .css files in PingAccess server to remove box shadow in the access denied page.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	12/12/19	Draft email reply to K. Chander, B. Thomas, M. Acharya, L. Milum, S. Chiu, S. Hunt, A. Nadipally, M. Pulivarthi, R. Jeyarajan, M. Rajaperumal, K. Anandthan, A. Gogerman, P. Chandrasekaran (PG&E), R. Villegas, R. Bhaskara (KPMG) thread regarding Application 30.pge.com, changes slated for PING migration completion in QA, as well as introducing new Ping PM. K. Chander.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/12/19	Draft email to A. Nadipally (PG&E) regarding distribution list update to include the new PM, K. Chander (also PG&E).	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/12/19	Draft email to B. Thomas (PG&E) regarding distribution list update to include the new PM, K. Chander (PG&E).	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/12/19	Draft email to K. Chander (PG&E) to advise of mass email that was just sent and around the roll of M. Acharya and broader view of Application 30.pge.com and their development efforts in QA8.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/12/19	Draft email to M. Pulivarthi, R. Jeyarajan, S. Batchu, S. Modupalli, B. Thomas, R. Patibandla, J. Altuna, R. Muttavarapu, A. Nadipally, N. Dsouza, J. Paul, S. Radhamany, R. Thomas, S. Hu, S. Hunt, K. Chander (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) regarding distribution list update to include the new PM, K. Chander (PG&E).	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/12/19	Forward email to new Project Manager, K. Chander (PG&E), regarding information on MS Teams that I set up a few months ago to keep everyone posted regarding status.	0.1	\$ 225.00	\$ 22.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/12/19	Skype conversation with R. Bhaskara (KPMG) to provide Access Denied page screen shots over skype conversation.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/12/19	Draft email with screenshot of Application 13 Access Denied Page to A. Jacob, B. Thomas, M. Pulivarthi, R. Jeyarajan, A. Nadipally, S. Hunt, K. Chander, L. Milum (PG&E), R. Villegas (KPMG) requesting for decision or if no decision meeting to be set-up with proper people to make decision.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/12/19	Application 30 meeting to ensure the team is ready for Saturday's DNS/Load Balancing changes with M. Carter, K. Chander, C. Bell, S. Hunt, S. Lam, B. Thomas (PG&E), R. Bhaskara (KPMG).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/12/19	Demonstration / discussion around findings for Application 5 cookie and logging of using /pa/oidc/logoff requesting action of M. Pulivarthi to implement code changes in DEV for team to test against with M. Pulivarthi, S. Batchu, S. Hunt, K. Chander (PG&E), R. Nagdeo (KPMG).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/12/19	Discussion with K. Chander (PG&E Project Manager) regarding the SharePoint location as well as tips to not losing information due to outages.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/12/19	MS Teams conversation with J. Altuna and S. Lam (PG&E) regarding Web Server instances and the Load Balancer heartbeats.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/12/19	Meeting to discuss / determine Application 24 performance testing with P. Yandapalli, A. Sharma, Gopal, K. Chander, and R. Thomas (PG&E).	0.7	\$ 225.00	\$ 157.50
Matthew Rice	12/12/19	Meeting with R. Nagdeo, R. Villegas, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/11/19, to ensure alignment with client priorities based on current client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/12/19	Technical status / analyzing session to review the status, as of 12/12/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), R. Bhaskara, R. Nagdeo, R. Villegas (KPMG).	1.1	\$ 225.00	\$ 247.50
Matthew Rice	12/12/19	Leadership call with K. Chander, S. Hunt (PG&E) R. Villegas (KPMG) to update SAR deck.	1.1	\$ 225.00	\$ 247.50
Matthew Rice	12/12/19	Meeting with S. Hunt and K. Chander (PG&E Project Managers) to work on "Leadership Touch base" slide deck that will be presented 12/17/19.	1.1	\$ 225.00	\$ 247.50
Matthew Rice	12/12/19	MS Project update, as of 12/12/19, concurrently incorporating latest to PG&E SharePoint location.	2.1	\$ 225.00	\$ 472.50
Rob Villegas	12/12/19	Update, as of 12/12/19, project status report (.4) and send project status report to S. Hunt (PG&E) (.1).	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	12/12/19	Technical status / analyzing session to review the status, as of 12/12/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Nagdeo (KPMG).	1.0	\$ 225.00	\$ 225.00
Rob Villegas	12/12/19	Leadership call with K. Chander, S. Hunt (PG&E) M. Rice(KPMG) to update SAR deck.	1.0	\$ 225.00	\$ 225.00
Rob Villegas	12/12/19	Meeting with R. Nagdeo, M. Rice, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/11/19, to ensure alignment with client priorities based on current client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/12/19	Demonstration / discussion around findings for Application 5 cookie and logging of using /pa/oidc/logoff requesting action of M. Pulivarthi to implement code changes in DEV for team to test against with M. Pulivarthi, S. Batchu, S. Hunt, K. Chander (PG&E), M. Rice (KPMG).	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/12/19	Analyze the delay in drawing the Application 6 login page for Application 14.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	12/12/19	Meeting with R. Villegas, M. Rice, R. Bhaskara (KPMG) to discuss next steps, as of 12/11/19, to ensure alignment with client priorities based on current client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/12/19	Technical status / analyzing session to review the status, as of 12/12/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Villegas (KPMG).	1.1	\$ 225.00	\$ 247.50
Rohit Nagdeo	12/12/19	Performed analysis to compare the configuration of Application 5 across the environment for any configurations gap that could have caused the enrollment issue.	1.8	\$ 225.00	\$ 405.00
Rohit Nagdeo	12/12/19	Perform review to confirm everything is in place from Ping perspective for tonight's production deployment of Application 27 application by going through each line item in the release plan.	2.5	\$ 225.00	\$ 562.50
Rohit Nagdeo	12/12/19	Supported the Application 27 application deployment to production environment with L. Milum, S. Gupta, S. Lam, and S. Hunt (PG&E).	3.5	\$ 225.00	\$ 787.50
Rama Bhaskara	12/13/19	Meeting with R. Villegas R. Nagdeo (KPMG) to discuss current status, next steps, as of 12/13/19, to ensure alignment with client priorities based on client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/13/19	Update, as of 12/13/19, the Impersonation Deployment guide with Application 2 Policy changes, concurrently incorporating into the PGE SharePoint.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/13/19	Performed the retest for Application 1 Proxy for CSR logout in DEV (.5) and sent out email to B. Deutsch and P. Murali (PG&E).	0.6	\$ 225.00	\$ 135.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/13/19	Technical status / analyzing session to review the status, as of 12/13/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Modupalli, K. Chander (PG&E), M. Rice, R. Nagdeo (KPMG).	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/13/19	Performed Access Token timeout changes for CustomerWebSession, concurrently testing if that can address Enrollment issues for Application 2 Portal.	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/13/19	Update, as of 12/13/19, the PingFederate document for custom component changes.	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/13/19	Analyze the Application 5 Enrollment issue, concurrently investigating the PA Logout solution utilizing ajax call resolving the Refreshing PA cookie issue.	1.5	\$ 225.00	\$ 337.50
Rama Bhaskara	12/13/19	Performed Impersonation Policy changes to Application 1 Proxy application in TEST environment, concurrently validating impersonation flow in TEST.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	12/13/19	Draft email to S. Lam and J. Altuna (PG&E) outlining the tasks to be completed for the Application 24 move to QA as there is a need to have Load Balancer bypass the Web Server servers and hit Application Server directly.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	12/13/19	Review the Ping Support ticket (00680445), concurrently drafting email to M. Pulivarthi, S. Batch, K. Chander (PG&E), R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) requesting a new build of Application 5.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/13/19	Update, as of 12/13/19, the MS Project, concurrently incorporating project plan into PG&E SharePoint.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/13/19	Analyzing session with K. Chander (PG&E) regarding the consolidation of application names between R. Villegas' (KPMG) slide and what was created yesterday.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/13/19	Technical status / analyzing session to review the status, as of 12/13/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Modupalli, K. Chander (PG&E), R. Bhaskara R. Nagdeo (KPMG).	1.1	\$ 225.00	\$ 247.50
Rob Villegas	12/13/19	Meeting with R. Nagdeo, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/13/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/13/19	Meeting with R. Villegas, R. Bhaskara (KPMG) to discuss next steps, as of 12/13/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/13/19	Continue, as of 12/13/19, to analyze security testing result.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	12/13/19	Review the defect raised by the Application 12 team with A. Fedorova (PG&E).	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/13/19	Technical status / analyzing session to review the status, as of 12/13/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Modupalli, K. Chander (PG&E), M. Rice, R. Bhaskara (KPMG).	1.1	\$ 225.00	\$ 247.50
Rohit Nagdeo	12/13/19	Email exchange with Application 12 team regarding the testing status, defects and the date to resume the work to onboard the application to QA environment.	1.9	\$ 225.00	\$ 427.50
Rohit Nagdeo	12/13/19	Email exchange with S. Tang (PG&E) (.2) and analyze the delay in loading the Application 6 home page on Internet explorer browser (2.3).	2.5	\$ 225.00	\$ 562.50
Matthew Rice	12/14/19	Meeting with B. Thomas, S. Lam, S. Hunt, M. Carter, A. Dwivedula, C. Bell, K. Chander, S. Tang, T. Yuen, and O. Trinko (PG&E) regarding SAP Application 30.pge.com DNS / Load Balancer Load Balancer configuration in PROD.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/15/19	Draft email reply to A. Saka, K. Chander, N. Kumar, L. Milum, S. Thakur, D. Wong, A. Saka, R. Jeyarajan, and M. Pulivarthi (PG&E) regarding configuring mqa1.pge.com (Application 1 QA domain) with Akamai CDN (Content Delivery Network) and why this project was on the hook for mqa1.pge.com when in fact we have a second Application 1 QA domain built out due to being blocked by other - last minute - high priority projects.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/15/19	Continue, as of 12/15/19, meeting with B. Thomas, S. Lam, S. Hunt, M. Carter, A. Dwivedula, C. Bell, K. Chander, S. Tang, T. Yuen, O. Trinko (PG&E) regarding SAP Application 30.pge.com DNS and Load Balancer Load Balancer configuration in PROD.	2.3	\$ 225.00	\$ 517.50
Rama Bhaskara	12/16/19	Meeting with M. Rice, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/16/19, to ensure alignment with client priorities based on client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/16/19	UID vs pgeLoginName issue meeting with S. Batchu, M. Pulivarathi, R. Jeyarajan, and K. Chander (PG&E) to finalize the approach for fixing uid issues for Application 2 Proxy application.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/16/19	Performed the testing for Application 8 preview host SSL connection changes (.7) and follow-up communication with M. Carter(PG&E) regarding DNS changes in QA environment (.1).	0.8	\$ 225.00	\$ 180.00
Rama Bhaskara	12/16/19	"preview-Application 82qa" FER review meeting with L. Sokun and R. Anush (PG&E).	1.0	\$ 225.00	\$ 225.00

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Rama Bhaskara	12/16/19	Performed the unit testing for Application 30 in QA environment for multiple retired user scenario, concurrently verifying the PingFederate log entries for timeout values.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/16/19	Performed the PingFederate Authentication policy changes for Application 1 Proxy application in TEST environment, concurrently performing validation testing.	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/16/19	Performed the unit testing for Application 13 timeout issues (1.1) and conversation with N. Anusha (PG&E) over Microsoft teams (.2).	1.3	\$ 225.00	\$ 292.50
Rama Bhaskara	12/16/19	Technical status / analyzing session to review the status, as of 12/16/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Hunt, K. Chander, S. Modupalli, (PG&E), M. Rice, R. Nagdeo, R. Villegas (KPMG).	1.8	\$ 225.00	\$ 405.00
Matthew Rice	12/16/19	Draft email reply to J. Altuna, T. Sathyanarayana, S. Lam, M. Carter, K. Singh, R. Muttavarapu, S. Hunt, and K. Chander (PG&E) confirming actions to update DNS for Application 3test.pge.com and remove A-records for un-used Load Balancer VIP's.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/16/19	Draft email reply to S. Hunt, K. Chander (PG&E) R. Villegas (KPMG) to call out potential impacts from scheduling issues which Y. Ortiz (also PG&E) provided earlier today as these scheduling conflicts would be with Big Bang Applications: Application 1, Application 2, Application 3, Application 4, as well as Application 11.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/16/19	Draft email to A. Jacob, L. Milum, B. Thomas, M. Pulivarthi, R. Jeyarajan, A. Nadipally, S. Hunt, K. Chander (PG&E), R. Villegas (KPMG) clarifying what L. Milum responded with as well what I had informed A. Jacob with earlier so that the business could make an informed decision as to whether the Access Denied page was proper / relevant.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/16/19	MS Teams chat with S. Hunt (PG&E) requesting a meeting be set-up with P. Picou Jr. to discuss plans to upgrade Load Balancer with security package so that rules can be supported.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/16/19	MS Teams chat / phone conversation with A. Jacob (PG&E) regarding email sent back on 12/12/19 requesting for feedback or approval of "Access Denied" page for TIL Viewer use case.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/16/19	Meeting with R. Villegas, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/16/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	12/16/19	Weekly bugs call with C. Wong, D. Wong, M. Pulivarthi, S. Hunt, A. Nadipally, B. Thomas, and K. Archana (PG&E).	0.5	\$ 225.00	\$ 112.50

EXHIBIT C9

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Case No. 19-30088

IT Software Services (Phase II)

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/16/19	MS Teams chat asking if disablement of A10 VIP could be completed today with B. Thomas, S. Lam, S. Hunt, M. Carter, A. Dwivedula, C. Bell, K. Chander, S. Tang, T. Yuen, and O. Trinko (PG&E).	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/16/19	Update, as of 12/16/19, the MS Project with status that came in throughout the day via emails / MS Teams conversations.	0.9	\$ 225.00	\$ 202.50
Matthew Rice	12/16/19	Review email reply from S. Lam (PG&E) regarding DEV audit for Load Balancer VIP's. (.4) MS Teams chat with S. Lam (PG&E) regarding some details missing. (.7) WebEx with S. Lam (PG&E) to obtain further clarification. (.3) Create email to K. Chander, S. Hunt (PG&E), R. Villegas (KPMG) to add to Project Plan as he sees fit. (.2)	1.6	\$ 225.00	\$ 360.00
Matthew Rice	12/16/19	Technical status / analyzing session to review the status, as of 12/16/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Hunt, K. Chander, S. Modupalli, (PG&E), R. Bhaskara, R. Nagdeo, R. Villegas (KPMG).	1.8	\$ 225.00	\$ 405.00
Matthew Rice	12/16/19	Analyze the Application 3 Login Issue with J. Altuna, R. Muttavarapu, S. Hu, and M. Pulivarthi (PG&E).	3.1	\$ 225.00	\$ 697.50
Rob Villegas	12/16/19	Meeting with M. Rice, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/16/19, to ensure alignment with client priorities based on current client communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	12/16/19	Technical status / analyzing session to review the status, as of 12/16/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Hunt, K. Chander, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Nagdeo (KPMG).	1.8	\$ 225.00	\$ 405.00
Rohit Nagdeo	12/16/19	PG&E SiteMinder Replacement Project status meeting, as of 12/16/19, with R. Villegas, R. Bhaskara, R. Nagdeo (KPMG)	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/16/19	Call with S. Tang (PG&E) regarding the issues faced by the Application 14.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	12/16/19	Technical status / analyzing session to review the status, as of 12/16/19, of developers action items in the MS Project Plan with S. Lam, M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, S. Hu, S. Hunt, K. Chander, S. Modupalli, (PG&E), M. Rice, R. Bhaskara, R. Villegas (KPMG).	1.8	\$ 225.00	\$ 405.00
Rohit Nagdeo	12/16/19	Session with M. Pulavarthi and A. Nadipally (PG&E) to resolve the application issue	2.4	\$ 225.00	\$ 540.00
Rohit Nagdeo	12/16/19	Due to conflicts being found, compared the policies for Application 6 based application across development / test / QA environment to resolve those issues.	2.6	\$ 225.00	\$ 585.00
Rama Bhaskara	12/17/19	Skype conversation with R. Bhaskara (KPMG) regarding project updates for what I am working on to incorporate into the project plan and update.	0.4	\$ 225.00	\$ 90.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/17/19	Performed testing for uid for Application 2 Proxy application in TEST environment.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/17/19	Meeting with S. Mineo, B. Cathey, J. DaSilva, M. Lally (Ping), M. Rice (KPMG) regarding Application 5 and PA Token attributes not refreshing, support ticket that has been logged.	0.6	\$ 225.00	\$ 135.00
Rama Bhaskara	12/17/19	Performed additional testing Application 13 timeout settings in PingAccess.	0.8	\$ 225.00	\$ 180.00
Rama Bhaskara	12/17/19	Ping Migration PG&E Leadership meeting with S. Rai, S. Hunt, K. Chander, D. Wong, J. Heffelfinger, J. Jacob, J. Esguerra, L. DeAnda, M. Strasburger, N. Casey, S. Muthukrishan (PG&E), R. Villegas, M. Rice (KPMG).	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/17/19	Performed the validation testing for Application 8 Preview site in QA environment (1.0) and sent the email to R. Anush (PG&E) for further testing / next steps for Application 8 migration (.2).	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/17/19	Performed Analysis for Penetration testing results PDF sent by OPTIV team.	1.5	\$ 225.00	\$ 337.50
Rama Bhaskara	12/17/19	Performed validation testing for Application 8 preview host (1.8) and follow-up communication with M. Carter, L. Sokun, and L. Milum (PG&E) regarding DNS issues troubleshooting over emails / Microsoft Teams.	2.0	\$ 225.00	\$ 450.00
Matthew Rice	12/17/19	Draft email reply to B. Thomas, S. Lam, S. Hunt, M. Carter, A. Dwivedula, C. Bell, K. Chander, S. Tang, T. Yuen, O. Trinko, Q. Nakayama, B. Peter (PG&E), with R. Villegas (KPGM) asking for A. Dwivedula (PG&E) to disable A10 VIP upon receiving C. Bell's approval to do so.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/17/19	Draft email reply to B. Thomas, S. Lam, S. Hunt, M. Carter, A. Dwivedula, C. Bell, K. Chander, S. Tang, T. Yuen, O. Trinko, Q. Nakayama, B. Peter (PG&E), with R. Villegas (KPGM) asking for C. Bell's (PG&E) approval to disable A10 VIP.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/17/19	Call with J. Le and K. Chander (PG&E) regarding CRQ 17822 issue. (.2) MS Teams chat with K. Chander, S. Hunt (PG&E) to resolve issues encountered and communicate the next steps. (.1)	0.3	\$ 225.00	\$ 67.50
Matthew Rice	12/17/19	Skype conversation with R. Bhaskara (KPMG) regarding project updates for what he was working on to incorporate into the project plan and update.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	12/17/19	Meeting with S. Mineo, B. Cathey, J. DaSilva, M. Lally (Ping), R. Bhaskara (KPMG) regarding Application 5 and PA Token attributes not refreshing, support ticket that has been logged.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/17/19	MS Project update, as of 12/17/19, concurrently incorporating tasks that were updated / discovered throughout the day via emails / MS Teams chats.	0.9	\$ 225.00	\$ 202.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/17/19	Ping Migration PG&E Leadership meeting with S. Rai, S. Hunt, K. Chander, D. Wong, J. Heffelfinger, J. Jacob, J. Esguerra, L. DeAnda, M. Strasburger, N. Casey, S. Muthukrishan (PG&E), R. Villegas, R. Bhaskara (KPMG).	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/17/19	Application 24 release planning meeting with K. Chander, P. Yandapalli, G. Nagothu, S. Loganathan, and A. Sinha (PG&E).	1.3	\$ 225.00	\$ 292.50
Matthew Rice	12/17/19	Analyze the Application 3 login issues in DEV / TEST with M. Pulivarthi and S. Hu (PG&E), concurrently noting an issue that Layer7 was not passing back PG&E user HTTP Header even though PingAccess was giving it back.	2.4	\$ 225.00	\$ 540.00
Matthew Rice	12/17/19	Meeting with S. Hunt and K. Chander (PG&E) to create slide deck to present at "Leadership" meeting later today, and the roadblocks / timeline of what we can accomplish by April.	2.7	\$ 225.00	\$ 607.50
Rob Villegas	12/17/19	Ping Migration PG&E Leadership meeting with S. Rai, S. Hunt, K. Chander, D. Wong, J. Heffelfinger, J. Jacob, J. Esguerra, L. DeAnda, M. Strasburger, N. Casey, S. Muthukrishan (PG&E), R. Bhaskara, M. Rice (KPMG).	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/17/19	Meeting with J. Disalva and M. Welly (Ping Identity Vendor) to find the solution for refreshing the Ping Cookie on the fly.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	12/17/19	Meeting to analyze the Application 14 issues with S. Tang, S. Lam and J. Altuna (PG&E).	1.1	\$ 225.00	\$ 247.50
Rohit Nagdeo	12/17/19	Update, as of 12/17/19, the Application 5 deployment guide based on L. Millum's (PG&E) review comments.	1.4	\$ 225.00	\$ 315.00
Rohit Nagdeo	12/17/19	Application 12 troubleshooting meeting with N. Gupta (PG&E) to review the bugs identified during the regression testing.	2.2	\$ 225.00	\$ 495.00
Rohit Nagdeo	12/17/19	Continue, from earlier on the day on 12/17/19, to update the Application 5 deployment guide based on L. Millum's (PG&E) review comments.	2.7	\$ 225.00	\$ 607.50
Rama Bhaskara	12/18/19	Performed testing for expired PA token using PostMan setup in DEV environment.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/18/19	Meeting with M. Rice, R. Nagdeo, R. Villegas (KPMG) to discuss current status, next steps, as of 12/18/19, to ensure alignment with client priorities based on client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/18/19	Meeting with R. Anush (PG&E) to review Application 8 testing results, clarify multiple host concerns, and validate QA set-up.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/18/19	Technical status / analyzing session to review the status, as of 12/18/19, of developers action items in the MS Project Plan with M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, K. Chander, S. Hu, J. Paul, B. Thomas (PG&E), R. Nagdeo, M. Rice (KPMG).	1.2	\$ 225.00	\$ 270.00

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Name	Date	Description	Hours	Rate	Amount
Rama Bhaskara	12/18/19	Performed testing for Application 25 timeout use case in DEV.	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/18/19	Performed the review of Impersonation setup for Common Authentication policy in PingFederate(DEV) to accommodate Application 32 application changes.	1.4	\$ 225.00	\$ 315.00
Rama Bhaskara	12/18/19	Review Optiv PENetration testing results with R. Nagdeo M. Rice (KPMG).	1.7	\$ 225.00	\$ 382.50
Matthew Rice	12/18/19	Draft email reply to K. Chander and S. Hunt (PG&E) agreeing that Application 34 (in the project plan) should be marked as COMPLETE since it is out-of-scope / deprecated.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/18/19	Draft email reply to T. Sathyanarayana, L. Milum, J. Altuna, S. Lam, M. Carter, K. Singh, R. Muttavarapu, S. Hunt, and K. Chander (PG&E) regarding Application 3 DNS updates needing to be made for TEST environment with work order that L. Milum (PG&E) created as proof that the work order had been created, but due to lack of permissions, I could not open it up for more status.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/18/19	MS Teams chat with K. Chander (PG&E) regarding the CAB approval and Change Request (CRQ) process that I learned recently with CAB and Application 30	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/18/19	Review email request from Application 24 team, concurrently drafting email to S. Hunt and K. Chander (PG&E Project Managers) asking how we should proceed.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/18/19	Communicate via email with S. McChesney, S. McAllister, C. Guppy, A. Brown, A. Antles (all Optiv), S. Hunt, L. Milum, M. Pulivarth, P. Rajendran, L. Brown (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to get hyperlinks fixed in reported PDF sent originally 12/12/19.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/18/19	Draft email reply to A. Jacob, L. Milum, B. Thomas, M. Pulivarthi, R. Jeyarajan, A. Nadipally, S. Hunt, K. Chander (PG&E), R. Villegas, R. Bhaskara (both KPMG) outlining steps and answering questions that A. Jacob posed regarding the Application 13 and its Go-Live.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	12/18/19	Test PDF hyperlinks provided by Optiv in PENetration testing results documentation, concurrently reporting several links not working (.3), and drafting email to S. McChesney, A. Brown, C. Guppy, S. McAllister, A. Antles, (all Optiv), M. Pulivarthi, S. Hunt, L. Milum, P. Rajendran, L. Brown (PG&E) R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) members of thread letting them know to fix and provide new results documentation (.1).	0.4	\$ 225.00	\$ 90.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/18/19	MS Project update, as of 12/18/19, in response to B. Thomas (PG&E) email regarding the defect 1010 for Application 3 3rd Party, K. Chander's (PG&E) note regarding a typo for Application 24 performance testing tasks, concurrently fixing all the items and uploading new project to PG&E SharePoint.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/18/19	Review updates to MS Project with K. Chander (PG&E) to determine why changes are not being reflected in SharePoint	0.8	\$ 225.00	\$ 180.00
Matthew Rice	12/18/19	Meeting with R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/18/19, to ensure alignment with client priorities based on current client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/18/19	Technical status / analyzing session to review the status, as of 12/18/19, of developers action items in the MS Project Plan with M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, K. Chander, S. Hu, J. Paul, B. Thomas (PG&E), R. Nagdeo, R. Bhaskara (KPMG).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/18/19	MS Project update, as of 12/18/19, to Application 8 / Application 12 / Application 14 tasks from daily KPMG meeting.	1.6	\$ 225.00	\$ 360.00
Matthew Rice	12/18/19	Review Optiv PENetration testing results, concurrently determining if KPMG or PG&E would be required to fix with R. Nagdeo, R. Bhaskara (KPMG).	1.7	\$ 225.00	\$ 382.50
Rob Villegas	12/18/19	Communication regarding Pen Test results with M. Rice, R. Nagdeo, R. Bhaskara (KPMG).	0.4	\$ 225.00	\$ 90.00
Rob Villegas	12/18/19	Prepare financial updates, as of 12/18, for communication to PG&E.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	12/18/19	Meeting with M. Rice, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/18/19, to ensure alignment with client priorities based on current client communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/18/19	Meeting with R. Villegas, M. Rice, R. Bhaskara (KPMG) to discuss next steps, as of 12/18/19, to ensure alignment with client priorities based on current client communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/18/19	Technical status / analyzing session to review the status, as of 12/18/19, of developers action items in the MS Project Plan with M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, K. Chander, S. Hu, J. Paul, B. Thomas (PG&E), R. Bhaskara, M. Rice (KPMG).	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	12/18/19	Application 7 meeting with G. Riar (PG&E)	1.6	\$ 225.00	\$ 360.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	12/18/19	Review Optiv PENetration testing results, concurrently determining if KPMG or PG&E would be required to fix with R. Bhaskara M. Rice (KPMG).	1.7	\$ 225.00	\$ 382.50
Rohit Nagdeo	12/18/19	Resolving the issue that the Ping Access server were not in sync with the administration server in development environment.	2.5	\$ 225.00	\$ 562.50
Rama Bhaskara	12/19/19	Meeting with M. Saritha (PG&E) for timeout concerns raised by testing for Application 13 application TEST environment..	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/19/19	Meeting with R. Villegas M. Rice (KPMG) to discuss current status, next steps, as of 12/19/19, to ensure alignment with client priorities based on client communications regarding same.	0.6	\$ 225.00	\$ 135.00
Rama Bhaskara	12/19/19	Support call with Application 30 team regarding open items, timelines, updating SAML links in QA, and release to PROD with R. Kunaparaju, K. Tschoe, L. Milum, K.Chander, C. Bell (PG&E), M. Rice (KPMG).	0.7	\$ 225.00	\$ 157.50
Rama Bhaskara	12/19/19	Technical status / analyzing session to review the status, as of 12/19/19, of developers action items in the MS Project Plan with M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, K. Chander, S. Hu, J. Paul, B. Thomas (PG&E), M. Rice (KPMG).	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/19/19	Performed the review for Audit Log configurations for Impersonation setup in TEST, concurrently testing in DEV / TEST for audit log updates.	1.1	\$ 225.00	\$ 247.50
Rama Bhaskara	12/19/19	Performed Application 30 testing for Application 6 Login API service use case in DEV environment using postman script.	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/19/19	Performed Application 2 Proxy testing pgeLoginName use cases in TEST / DEV environments (1.2), and conversation with S. Batchu (PG&E) over emails (.2).	1.4	\$ 225.00	\$ 315.00
Rama Bhaskara	12/19/19	Performed the Application 8 Testing in DEV / TEST environment, concurrently updating the deployment guide for the new Virtual Host changes in Ping Access set-up.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	12/19/19	MS Teams chat to M. Pulivarthi (PG&E) calling his attention to an email from PG&E testing team noting a new defect 1039 against Application 5 in QA.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/19/19	Update, as of 12/19/19, of PDF from Optiv to PG&E / KPMG team members as several hyperlinks were broken and I worked (via emails) with Optiv to get them fixed in the document, concurrently drafting email with R. Villegas, R. Nagdeo, R. Bhaskara (both KPMG), M. Pulivarthi, J. Altuna, R. Jeyarajan, S. Batchu, L. Milum, S. Hunt, and K. Chander (PG&E).	0.1	\$ 225.00	\$ 22.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/19/19	Draft email reply informing S. McChesney, A. Brown, C. Guppy, S. McAllister, A. Antles, (all Optiv), M. Pulivarthi, S. Hunt, L. Milum, P. Rajendran, L. Brown (PG&E) R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) that the hyperlinks were now fixed and verified to be fixed.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/19/19	Draft email to A. Nadipally, S. Batchu, J. Sunderrajan, S. Vannemreddi, N. Alluri, K. Chander, R. Breedt (PG&E) asking if Enterprise Interface (EI) can stay pointing at QAM (Quality Assurance domain) until the CCSF is released to PROD. (.1) Draft email reminder to K.Chander, A. Jacob, B. Thomas, M. Pulivarthi, R. Jeyarajan, S. Hunt, L. Milum, S. Batchu, S. Modupalli, A. Nadipally (PG&E), R. Villegas, R. Bhaskara (both KPMG) as A. Jacob had requested a meeting to go over timelines for Application 13 to be setup and nothing had been accomplished around this topic yet. (.1)	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/19/19	Draft email to S. Hunt, K. Chander (PG&E), R. Villegas (KPMG) asking / reminding the PG&E PM's that N. Casey (PG&E) was out of the loop regarding infrastructure that was outdated and vulnerable, and asking if they were planning on addressing this or not.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	12/19/19	Meeting with R. Villegas, R. Bhaskara (KPMG) to discuss status, next steps, as of 12/19/19, to ensure alignment with client priorities based on current client communications regarding same.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/19/19	Support call with Application 30 team regarding open items, timelines, updating SAML links in QA, and release to PROD. Attendees: R. Kunaparaju, K. Tschoe, L. Milum, K. Chander, C. Bell (PG&E), R. Bhaskara (KPMG).	0.7	\$ 225.00	\$ 157.50
Matthew Rice	12/19/19	Technical status / analyzing session to review the status, as of 12/19/19, of developers action items in the MS Project Plan with M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, K. Chander, S. Hu, J. Paul, B. Thomas (PG&E), R. Bhaskara (KPMG).	1.1	\$ 225.00	\$ 247.50
Matthew Rice	12/19/19	Update, as of 12/19/19, the MS Project to reflect status received during day, concurrently incorporating a section to the Outage Tool, updating Application 30 External section, and incorporating new defects that were logged by Testing team.	1.2	\$ 225.00	\$ 270.00
Matthew Rice	12/19/19	Perform content merging, concurrently formatting "Custom Work Require After Ping Version Upgrade" word document.	2.9	\$ 225.00	\$ 652.50

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	12/19/19	Meeting with R. Villegas, R. Bhaskara (KPMG) to discuss current status, next steps, as of 12/19/19, to ensure alignment with client priorities based on current client communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	12/19/19	Update project status report as of 12/19 and send to S. Hunt and K. Chander (PG&E).	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	12/19/19	Meeting with K. Chander (PG&E) to discuss the work order to change the Application 14 URL in test environment.	1.1	\$ 225.00	\$ 247.50
Rohit Nagdeo	12/19/19	Communication with PG&E regarding DNS change request for Application 14.	1.5	\$ 225.00	\$ 337.50
Rohit Nagdeo	12/19/19	Continue, as of 12/19/19, discussion with S. Tang (PG&E) to resolve related Application 14 in Dev environment.	1.8	\$ 225.00	\$ 405.00
Rohit Nagdeo	12/19/19	Fixing the defect raised by J. Paul (PG&E) for the Mobile Home Project application in QA environment.	3.6	\$ 225.00	\$ 810.00
Rama Bhaskara	12/20/19	Microsoft Teams conversation with K. Chander (PG&E) regarding Status update on Application 8 QA issue resolution.	0.2	\$ 225.00	\$ 45.00
Rama Bhaskara	12/20/19	Microsoft Teams conversation with A. Ramakrishnan (PG&E) for Application 8 testing.	0.4	\$ 225.00	\$ 90.00
Rama Bhaskara	12/20/19	Review, as of 12/20/19, the Application 25 timeout settings, concurrently validating time-out values in DEV environment.	0.5	\$ 225.00	\$ 112.50
Rama Bhaskara	12/20/19	Review PENetration testing results with PG&E development team M. Rice (KPMG), concurrently determining next steps and assigning tasks to general high level categories.	0.7	\$ 225.00	\$ 157.50
Rama Bhaskara	12/20/19	Technical status / analyzing session to review the status, as of 12/20/19, of developers action items in the MS Project Plan with M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, K. Chander, S. Hu, J. Paul, B. Thomas (PG&E), M. Rice (KPMG).	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/20/19	Perform testing (.9) and email conversation with M. Carter (PG&E) regarding DNS changes (.1).	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/20/19	Performed testing for uid fixes for Application 2 Proxy in TEST / DEV environment.	1.0	\$ 225.00	\$ 225.00
Rama Bhaskara	12/20/19	Performed the analysis for Time-out issue with External Application 13 in TEST environment, concurrently analyzing the issue in the DEV environment.	1.2	\$ 225.00	\$ 270.00
Rama Bhaskara	12/20/19	Application 8 preview-Application 82qa conversation with S. Lam (PG&E).	2.0	\$ 225.00	\$ 450.00
Matthew Rice	12/20/19	MS Teams chat with A. Nadipally (PG&E) regarding defect 1007 open / close dates.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/20/19	MS Teams chat with R. Jeyarajan (PG&E) regarding S. Batchu (PG&E) allocated time on project.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	12/20/19	Finalizing "Custom Work Require After Ping Version Upgrade" word document.	0.4	\$ 225.00	\$ 90.00

EXHIBIT C9**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

IT Software Services (Phase II)

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	12/20/19	MS Project update, as of 12/20/19, by putting in general high level assignments to PENetration testing tasks, making notes for follow up, incorporating into SharePoint when completed, updating status of Application 2 / Application 5 defects / testing.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	12/20/19	Review PENetration testing results with PG&E development team and R. Bhaskara (KPMG), concurrently determining next steps and assigning tasks to general high level categories.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	12/20/19	Technical status / analyzing session to review the status, as of 12/20/19, of developers action items in the MS Project Plan with M. Pulivarthi, A. Nadipally, R. Muttavarapu (Sudha), R. Jeyarajan, B. Deutsch, S. Modupalli, K. Chander, S. Hu, J. Paul, B. Thomas (PG&E), R. Bhaskara (KPMG).	1.0	\$ 225.00	\$ 225.00
Matthew Rice	12/20/19	Finalize "Custom Work Require After Ping Version Upgrade" word document.	3.5	\$ 225.00	\$ 787.50
Rohit Nagdeo	12/20/19	Review of Security Testing result, concurrently noting items to follow-up on.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	12/20/19	Analyze application 9 in Test environment.	2.1	\$ 225.00	\$ 472.50

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	12/20/19	Perform testing to recreate the issue reported in the security testing.	2.1	\$ 225.00	\$ 472.50
Rohit Nagdeo	12/20/19	Perform debugging to resolve the issue reported by the Application 12 team	2.8	\$ 225.00	\$ 630.00
Total IT Software Services (Phase II)			<u>382.3</u>		<u>\$ 86,017.50</u>

EXHIBIT C10

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
Quanta Invoice Review Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>no fees requested - current month</i>					
Total Quanta Invoice Review Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C11

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Loan Staff Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>no activity current month</i>					
Total Data Security Loan Staff Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C12

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088

Endpoint Protection Strategy Assessment Services
December 1, 2019 through December 31, 2019
(includes previously unbilled time)

Name	Date	Description	Hours	Amount
Alex Vargas	11/04/19	Performed endpoint technical testing against the following operating systems in parallel (Windows 7, Windows 10, Mac OS X Systems) in order to determine if the controls were adequate to defend against insider threats and potential breaches as the final phase of Cyber Endpoint project	2.5	
Alex Vargas	11/05/19	Continue, as of 11/5, to perform endpoint technical testing against the following operating systems in parallel (Windows 7, Windows 10, Mac OS X Systems) in order to determine if the controls were adequate to defend against insider threats and potential breaches as the final phase of Cyber Endpoint project	2.3	
Alex Vargas	11/06/19	Continue, as of 11/6, to perform endpoint technical testing against the following operating systems in parallel (Windows 7, Windows 10, Mac OS X Systems) in order to determine if the controls were adequate to defend against insider threats and potential breaches as the final phase of Cyber Endpoint project	2.4	
Alex Vargas	11/07/19	Continue, as of 11/7, to perform endpoint technical testing against the following operating systems in parallel (Windows 7, Windows 10, Mac OS X Systems) in order to determine if the controls were adequate to defend against insider threats and potential breaches as the final phase of Cyber Endpoint project	2.5	
Alex Vargas	11/08/19	Continue, as of 11/8, to perform endpoint technical testing against the following operating systems in parallel (Windows 7, Windows 10, Mac OS X Systems) in order to determine if the controls were adequate to defend against insider threats and potential breaches as the final phase of Cyber Endpoint project	2.2	
Alex Vargas	11/13/19	Review Endpoint Deck, concurrently providing feedback based on the MAC OS X testing performed the previous week.	1.0	
Alex Vargas	11/15/19	Continue to review the Endpoint Deck, providing feedback on cost estimates	1.0	
Daniel Frasure	12/03/19	Begin drafting report containing Endpoint Assessment observations.	2.0	
Daniel Frasure	12/07/19	Continue, as of 12/7, drafting report containing Endpoint Assessment observations.	1.0	
Daniel Frasure	12/11/19	Attended Endpoint Protection read-out meeting	1.0	
Total Endpoint Protection Strategy Assessment Services			17.9	\$ 50,000.00 ⁽¹⁾

⁽¹⁾ KPMG and the Debtors agreed to fixed-fee compensation for the Endpoint Protection Strategy Assessment Services. KPMG is requesting \$50,000 related to the completion of Phase III in December.

EXHIBIT C13

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security CCPA Support Staff Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>Project Complete</i>					
Total Data Security CCPA Support Staff Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C14

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Tax and Accounting On-Call Services
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Erik Lange	12/06/19	Discussion with H. Steinberg, J. Petersen - KPMG relating to tax issue / impact of certain additional claims on bankruptcy due to November events	1.0	\$ 850.00	\$ 850.00
Erik Lange	12/12/19	Discussion with J. Garboden - PG&E regarding considerations / analysis of proposed debt restructure	1.0	\$ 850.00	\$ 850.00
Total Tax and Accounting On-Call Services			<u>2.0</u>		<u>\$ 1,700.00</u>

EXHIBIT C15

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Permitting Spend Analysis Services

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>Phase I Complete</i>					
Total Permitting Spend Analysis Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Andrei Emelianov	12/02/19	Analysis of Phase 2 Vendor List to identify entities that are less likely to issue fines / penalties in California, to potentially exclude for sampling purposes.	3.0	\$ 550.00	\$ 1,650.00
David Hall	12/02/19	Examine false positives generated by document type classifier as of 12/2, concurrently analyzing raw documents.	2.0	\$ 425.00	\$ 850.00
David Hall	12/02/19	Revised parameters for document classifier as precursor to re-running models.	2.0	\$ 425.00	\$ 850.00
David Hall	12/02/19	Performed analysis to compare outputs of two different model algorithms for document classifier.	1.5	\$ 425.00	\$ 637.50
David Hall	12/02/19	Documented list of attributes from documents that were misclassified by document classifier as of 12/2	1.5	\$ 425.00	\$ 637.50
David Hall	12/02/19	Meeting to discuss whether the team wants to run models on all of the phase I docs, even those that were not reviewed, file extensions and which are important/in scope, reviewed current sampling approach by team for initial Phase II data pulls, what analysis we need to do to check whether the sample is representative across invoice amounts as well as data variability with R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager).	0.7	\$ 425.00	\$ 297.50
David Hall	12/02/19	Meeting to review current status on annotations for NOV model, interpretability efforts to integrate into Ignite ML frameworks, deep dive into false positive results from document type model with R. Tuggle, R. Wagner-Kaiser (KPMG).	0.3	\$ 425.00	\$ 127.50
Eloise Pinto	12/02/19	In preparation for test work, reviewing vendors for sampling population.	2.5	\$ 475.00	\$ 1,187.50
Juan Gonzalez III	12/02/19	Communication with A. Emelianov, E. Pinto (KPMG) regarding observed SAP transactional data characteristics and further analysis to be performed.	0.3	\$ 625.00	\$ 187.50
Andrei Emelianov	12/02/19	Continue, from earlier on 12/2, analysis of Phase 2 Vendor List to identify entities that are less likely to issue fines / penalties in California, to potentially exclude for sampling purposes.	2.6	\$ 550.00	\$ 1,430.00
Juan Gonzalez III	12/02/19	Discussion with T. Gaustad (KPMG) regarding payments transactions in 2018/19 to vendors associated with Authorities Having Jurisdiction (AHJs).	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/02/19	Principal review of SAP transactional data in consideration of potential sample stratification.	0.7	\$ 625.00	\$ 437.50
Kimberly Johnson	12/02/19	Performed analysis to compare Phase 1 analysis to Phase 2 Transactions as precursor to beginning Phase 2 analysis.	3.0	\$ 475.00	\$ 1,425.00
Kimberly Johnson	12/02/19	Extract, concurrently normalizing monthly SAP Reports for PDDocs / Accounting Information (15 of 48 reports in total) as data is too large to extract more than month at a time.	3.4	\$ 475.00	\$ 1,615.00

EXHIBIT C16**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Gas and Electric Permitting Support Phase 2
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/02/19	Meeting to review current status on annotations for NOV model, interpretability efforts to integrate into Ignite ML frameworks, deep dive into false positive results from document type model with R. Tuggle, D. Hall (KPMG).	0.3	\$ 475.00	\$ 142.50
Rachel Wagner-Kaiser	12/02/19	Meeting to discuss whether the team wants to run models on all of the phase I docs, even those that were not reviewed, file extensions and which are important/in scope, reviewed current sampling approach by team for initial Phase II data pulls, what analysis we need to do to check whether the sample is representative across invoice amounts as well as data variability with R. Tuggle (KPMG Director) Y. Fu (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.7	\$ 475.00	\$ 332.50
Rachel Wagner-Kaiser	12/02/19	Determine specific breakdown of train / test / validation sets for both Document type / NOV machine learning models, concurrently calculating document type distribution / vendor representation distribution / penalty distribution for each of the six datasets.	1.3	\$ 475.00	\$ 617.50
Rachel Wagner-Kaiser	12/02/19	Create annotations for NOV model, concurrently incorporating non-invoice noise / moving sampled lumes to appropriate folders / incorporating in annotation values to each document / testing, QA / confirming.	1.7	\$ 475.00	\$ 807.50
Ryan Tuggle	12/02/19	Meeting to review current status on annotations for NOV model, interpretability efforts to integrate into Ignite ML frameworks, deep dive into false positive results from document type model with R. Wagner-Kaiser, D. Hall (KPMG).	0.3	\$ 550.00	\$ 165.00
Ryan Tuggle	12/02/19	Meeting to discuss whether the team wants to run models on all of the phase I docs, even those that were not reviewed, file extensions and which are important/in scope, reviewed current sampling approach by team for initial Phase II data pulls, what analysis we need to do to check whether the sample is representative across invoice amounts as well as data variability with Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.7	\$ 550.00	\$ 385.00
Tabitha Gaustad	12/02/19	Discussion with J. Gonzalez (KPMG) regarding payments transactions in 2018/19 to vendors associated with Authority Having Jurisdictions (AHJs).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/02/19	Prepare PowerPoint slide deck with overview of Phase 1 encroachment permitting analysis results and Phase 2 approach for meeting on 12/03 with PG&E.	1.5	\$ 550.00	\$ 825.00
Yiwen Fu	12/02/19	Performed analysis for Phase II sample size determination for machine learning workstream.	0.5	\$ 475.00	\$ 237.50

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Andrei Emelianov	12/03/19	Meeting to review Access Database to ensure that it incorporates all data points that will be needed for analysis by both manual and machine reviewers for Phase 2 with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.7	\$ 550.00	\$ 385.00
David Hall	12/03/19	Meeting to review / confirm understanding of folder structure for reviewed files, discussion on different types of penalties and the distribution differences we need to understand about the multiple penalty types, phase II transactions, how sampling strategy may change with respect to larger dataset with R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager).	0.5	\$ 425.00	\$ 212.50
David Hall	12/03/19	Analyze ideas for additional features / rules to improve document classifier performance.	1.0	\$ 425.00	\$ 425.00
David Hall	12/03/19	Meeting to review current status, as of 12/03/19, approach for data profiling and sampling methodology for two different machine learning models., review current model performance / options, including re-structuring penalty model to be trinity instead of binary, extension on all these points to Phase II of project with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager).	1.0	\$ 425.00	\$ 425.00
David Hall	12/03/19	Review, concurrently noting which of the top features were present in misclassified documents (from the document classifier model).	1.0	\$ 425.00	\$ 425.00
David Hall	12/03/19	Generated feature matrix of output of document type classifier (identified the top 30 features that the model used to generate outputs).	2.0	\$ 425.00	\$ 850.00
David Hall	12/03/19	Manipulated features, concurrently creating rules in attempt to improve document classifier performance.	2.5	\$ 425.00	\$ 1,062.50
Eloise Pinto	12/03/19	Meeting to review Access Database to ensure that it incorporates all data points that will be needed for analysis by both manual and machine reviewers for Phase 2 with J. Gonzalez III (KPMG Principal), A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.7	\$ 475.00	\$ 332.50
Jonathan Boldt	12/03/19	Perform Access database review to adjust template for Phase 2.	1.0	\$ 325.00	\$ 325.00

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	12/03/19	Meeting to review Access Database to ensure that it incorporates all data points that will be needed for analysis by both manual and machine reviewers for Phase 2 with R. Wagner-Kaiser (KPMG Manager), A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.7	\$ 625.00	\$ 437.50
Juan Gonzalez III	12/03/19	Meeting to review current status, as of 12/03/19, approach for data profiling and sampling methodology for two different machine learning models., review current model performance / options, including re-structuring penalty model to be trinity instead of binary, extension on all these points to Phase II of project with T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 625.00	\$ 625.00
Juan Gonzalez III	12/03/19	Principal review, as of 12/3, of data analysis in support of sampling design.	2.0	\$ 625.00	\$ 1,250.00
Kimberly Johnson	12/03/19	Meeting regarding access requirements with S. Mac, P. Tam (PG&E SAP Approvers) regarding access for team so that they could pull mass attachments through SAP.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/03/19	Meeting to review Vendors identified as potentially further excludable from Phase 2 Scope (includes farm bureaus, schools, etc.), discussion regarding route to get listing of Contract vendors and what business heads to utilize with R. Rothman (PG&E).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/03/19	Meeting to review SAP interface and how the team can gain access to mass pull the documents needed for Phase 2 review and noting that team did not have access with S. Mac (PG&E).	0.8	\$ 475.00	\$ 380.00
Kimberly Johnson	12/03/19	Continue, as of 12/3, extracting, concurrently normalizing monthly SAP Reports for PDDocs and Accounting Information (9 of 48 reports in total). Data to large to extract more than month at a time.	2.8	\$ 475.00	\$ 1,330.00
Kimberly Johnson	12/03/19	Extracting, concurrently normalizing monthly SAP Reports for PDDocs and Accounting Information (13 of 48 reports in total). Data to large to extract more than month at a time.	3.4	\$ 475.00	\$ 1,615.00
Rachel Wagner-Kaiser	12/03/19	Meeting to review / confirm understanding of folder structure for reviewed files, discussion on different types of penalties and the distribution differences we need to understand about the multiple penalty types, phase II transactions, how sampling strategy may change with respect to larger dataset with R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.5	\$ 475.00	\$ 237.50

EXHIBIT C16**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Gas and Electric Permitting Support Phase 2
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/03/19	Meeting to review Access Database to ensure that it incorporates all data points that will be needed for analysis by both manual and machine reviewers for Phase 2 with J. Gonzalez III (KPMG Principal), A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.7	\$ 475.00	\$ 332.50
Rachel Wagner-Kaiser	12/03/19	Meeting to review current status, as of 12/03/19, approach for data profiling and sampling methodology for two different machine learning models., review current model performance / options, including re-structuring penalty model to be trinity instead of binary, extension on all these points to Phase II of project with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/03/19	Perform exploration of dataset with regards to penalty amount distribution, concurrently examining breakdown of numbers by penalty type / amount and slicing the dataset(s) multiple different ways to look for patterns.	1.8	\$ 475.00	\$ 855.00
Ryan Tuggle	12/03/19	Meeting to review / confirm understanding of folder structure for reviewed files, discussion on different types of penalties and the distribution differences we need to understand about the multiple penalty types, phase II transactions, how sampling strategy may change with respect to larger dataset with Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.5	\$ 550.00	\$ 275.00
Ryan Tuggle	12/03/19	Meeting to review Access Database to ensure that it incorporates all data points that will be needed for analysis by both manual and machine reviewers for Phase 2 with J. Gonzalez III (KPMG Principal), A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate). (partial attendance)	0.5	\$ 550.00	\$ 275.00
Ryan Tuggle	12/03/19	Meeting to review current status, as of 12/03/19, approach for data profiling and sampling methodology for two different machine learning models., review current model performance / options, including re-structuring penalty model to be trinity instead of binary, extension on all these points to Phase II of project with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 550.00	\$ 550.00

EXHIBIT C16**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Gas and Electric Permitting Support Phase 2
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Tabitha Gaustad	12/03/19	Review Access database designed to capture results of manual review of vendor invoices related to encroachment permitting analysis	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/03/19	Director review of sampling considerations approaches for encroachment permitting analysis.	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/03/19	Meeting to review Access Database to ensure that it incorporates all data points that will be needed for analysis by both manual and machine reviewers for Phase 2 with J. Gonzalez III (KPMG Principal), A. Emelianov (KPMG Director), A. Emelianov (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.7	\$ 550.00	\$ 385.00
Tabitha Gaustad	12/03/19	Director review of preliminary settings applied to machine learning model under development for encroachment permitting analysis, concurrently updating in preparation for meeting with team.	0.8	\$ 550.00	\$ 440.00
Tabitha Gaustad	12/03/19	Meeting to review current status, as of 12/03/19, approach for data profiling and sampling methodology for two different machine learning models., review current model performance / options, including re-structuring penalty model to be trinity instead of binary, extension on all these points to Phase II of project with J. Gonzalez III (KPMG Principal), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 550.00	\$ 550.00
Yiwen Fu	12/03/19	Identify various types of fines / penalties from Phase 1 review, concurrently analyzing changes to the machine learning model to differentiate between encroachment fines / penalties versus other fines / penalties.	0.3	\$ 475.00	\$ 142.50
Yiwen Fu	12/03/19	Meeting to review / confirm understanding of folder structure for reviewed files, discussion on different types of penalties and the distribution differences we need to understand about the multiple penalty types, phase II transactions, how sampling strategy may change with respect to larger dataset with R. Tuggle (KPMG Director), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	12/03/19	Meeting to review Access Database to ensure that it incorporates all data points that will be needed for analysis by both manual and machine reviewers for Phase 2 with J. Gonzalez III (KPMG Principal), A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate)	0.7	\$ 475.00	\$ 332.50

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Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	12/03/19	Meeting to review current status, as of 12/03/19, approach for data profiling and sampling methodology for two different machine learning models., review current model performance / options, including re-structuring penalty model to be trinity instead of binary, extension on all these points to Phase II of project with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 475.00	\$ 475.00
David Hall	12/04/19	Meeting to consider data-driven methods or analytics that may assist in broader team in related efforts for Phase II of project, discussed needed changes / updates to status deck, including bias-variance framework, weighting of classes, justifications / research behind choices, current approach to penalty model, new client ask for multi-class penalty identification with R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG).	0.5	\$ 425.00	\$ 212.50
David Hall	12/04/19	Transferred model files / penalty dataset to server, concurrently addressing permissions issues.	1.0	\$ 425.00	\$ 425.00
David Hall	12/04/19	Performed analysis to compare output of two different modeling algorithms for penalty classifier.	1.5	\$ 425.00	\$ 637.50
David Hall	12/04/19	Examined initial output of binary penalty classifier (model for identifying whether or not a penalty applied to a particular transaction).	2.0	\$ 425.00	\$ 850.00
David Hall	12/04/19	Analyzed raw documents that were misclassified by both model algorithms for penalty classification.	3.0	\$ 425.00	\$ 1,275.00
Juan Gonzalez III	12/04/19	Discussion regarding risk management with K. Johnson (KPMG).	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/04/19	Principal review of current status / approach, as of 12/4, for data profiling and sampling methodology for two different machine learning models as well as extension on all these points to Phase II of project.	1.1	\$ 625.00	\$ 687.50
Juan Gonzalez III	12/04/19	Principal review, as of 12/4, of data analysis for purposes of sampling design.	1.2	\$ 625.00	\$ 750.00
Juan Gonzalez III	12/04/19	Continue, from earlier in the day on 12/04/19, to perform principal review of data analysis for purposes of sampling design.	2.8	\$ 625.00	\$ 1,750.00
Kimberly Johnson	12/04/19	Discussion regarding risk management with J. Gonzalez III (KPMG).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/04/19	Incorporating data files into database as of 12/4, concurrently merging together.	1.7	\$ 475.00	\$ 807.50
Kimberly Johnson	12/04/19	Extracting, concurrently normalizing monthly SAP Reports for PDDocs / Accounting Information (9 of 48 reports in total) as data is to large to extract more than month at a time.	2.4	\$ 475.00	\$ 1,140.00
Kimberly Johnson	12/04/19	Continue, from earlier in the day on 12/04/19, uploading data files into database, concurrently merging together.	3.4	\$ 475.00	\$ 1,615.00
Rachel Wagner-Kaiser	12/04/19	Created additional supporting material documenting terminology / methodology / technical topics (bias/variance tradeoff, tfidf, etc.).	0.5	\$ 475.00	\$ 237.50

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Gas and Electric Permitting Support Phase 2
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/04/19	Meeting to consider data-driven methods or analytics that may assist in broader team in related efforts for Phase II of project, discussed needed changes / updates to status deck, including bias-variance framework, weighting of classes, justifications / research behind choices, current approach to penalty model, new client ask for multi-class penalty identification with R. Tuggle, Y. Fu, D. Hall (KPMG).	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/04/19	Perform quality check of new annotated Lumes, concurrently confirming that models ran without error as well as exploring whether rules-based classification for the document type model was working correctly.	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/04/19	Perform research to support the choices the team made in sampling approach / feature generation focusing on PG&E specifics as requested of Forensics leadership.	0.7	\$ 475.00	\$ 332.50
Rachel Wagner-Kaiser	12/04/19	Updated, as of 12/04/19, the document counts in status update report for each model algorithm as well as for each dataset, concurrently re-generating related charts / plots as per request of Forensics leadership.	0.8	\$ 475.00	\$ 380.00
Rachel Wagner-Kaiser	12/04/19	Incorporate new labels into the lume data structures that reflect the specific penalty type of the transaction, concurrently documenting to enable us to model the various nuances of penalties.	1.0	\$ 475.00	\$ 475.00
Ryan Tuggle	12/04/19	Summarized feedback / next steps from initial presentation of results to KPMG team.	0.5	\$ 550.00	\$ 275.00
Ryan Tuggle	12/04/19	Meeting to consider data-driven methods or analytics that may assist in broader team in related efforts for Phase II of project, discussed needed changes / updates to status deck, including bias-variance framework, weighting of classes, justifications / research behind choices, current approach to penalty model, new client ask for multi-class penalty identification with R. Wagner-Kaiser, Y. Fu, D. Hall (KPMG).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/04/19	Meeting regarding Phase 2 encroachment permitting project with key PG&E stakeholders, specifically with respect to sampling with R. Chriss, T. Strauss, C. Pezzola, S. Muranishi (PG&E).	1.0	\$ 550.00	\$ 550.00
Yiwen Fu	12/04/19	Meeting to consider data-driven methods or analytics that may assist in broader team in related efforts for Phase II of project, discussed needed changes / updates to status deck, including bias-variance framework, weighting of classes, justifications / research behind choices, current approach to penalty model, new client ask for multi-class penalty identification with R. Tuggle, R. Wagner-Kaiser, D. Hall (KPMG).	0.5	\$ 475.00	\$ 237.50
Bellamy Yoo	12/05/19	Perform SAP FB03 Supporting Documentation extraction of 14 documents.	1.1	\$ 275.00	\$ 302.50

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Name	Date	Description	Hours	Rate	Amount
Christopher Wong	12/05/19	Extracting supporting documentation for PO transactions, concurrently documenting.	1.0	\$ 325.00	\$ 325.00
David Hall	12/05/19	Meeting to discuss pros / cons of image based features for modeling purposes, possible boost in performance vs difficulty for white / black pixel ratios, line / block counts, text types, vectorization with R. Wagner-Kaiser (KPMG).	0.3	\$ 425.00	\$ 127.50
David Hall	12/05/19	Meeting to review current standing on model performance, including comparison between binary and trinary penalty models, next priorities in terms of solutions vs beginning work on more difficult models with R. Tuggle, R. Wagner-Kaiser (KPMG).	0.3	\$ 425.00	\$ 127.50
David Hall	12/05/19	Examined output of multi-class penalty classifier, linking to raw documents.	1.5	\$ 425.00	\$ 637.50
David Hall	12/05/19	Perform analysis to facilitate more complex feature sets for penalty classifier.	1.9	\$ 425.00	\$ 807.50
David Hall	12/05/19	Build, concurrently testing first pass multi-class penalty classifier (model for determining whether an encroachment penalty, no penalty, or other type of penalty applies to a particular transaction).	2.0	\$ 425.00	\$ 850.00
David Hall	12/05/19	Calculated, concurrently analyzing performance metrics for three classifiers / two algorithms per classifier (document type, penalty applies, multi-class penalty applies and logistic regression versus xgboost).	2.0	\$ 425.00	\$ 850.00
Juan Gonzalez III	12/05/19	Continue, as of 12/5, principal review of data analysis performed to date	0.5	\$ 625.00	\$ 312.50
Kimberly Johnson	12/05/19	Extracting, concurrently pivoting 46k lines of transactions based on vendor match for sample selection.	1.5	\$ 475.00	\$ 712.50
Kimberly Johnson	12/05/19	Incorporate 2018 transaction data into SQL, concurrently normalizing / incorporating into records for master table to be used.	3.0	\$ 475.00	\$ 1,425.00
Kimberly Johnson	12/05/19	Incorporate 2019 transaction data into SQL, concurrently normalizing / incorporating into records for master table to be used.	3.5	\$ 475.00	\$ 1,662.50
Nicole Tran	12/05/19	Performed the reconciliation of selected vendors identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs - Initial reconciliation for obvious name match records.	1.4	\$ 425.00	\$ 595.00
Nicole Tran	12/05/19	After obtaining the AHJ vendors data, developed a method to reconcile a list of +5k selected vendors identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs.	2.9	\$ 425.00	\$ 1,232.50
Nicole Tran	12/05/19	Performed the reconciliation of 460 selected vendors of 1,500 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs - Initial reconciliation for obvious name match records.	3.3	\$ 425.00	\$ 1,402.50

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/05/19	Meeting to discuss pros / cons of image based features for modeling purposes, possible boost in performance vs difficulty for white / black pixel ratios, line / block counts, text types, vectorization with D. Hall (KPMG).	0.3	\$ 475.00	\$ 142.50
Rachel Wagner-Kaiser	12/05/19	Meeting to review current standing on model performance, including comparison between binary and trinary penalty models, next priorities in terms of solutions vs beginning work on more difficult models with R. Tuggle, D. Hall (KPMG).	0.3	\$ 475.00	\$ 142.50
Rachel Wagner-Kaiser	12/05/19	Verify transactions within a vendor category to estimate amount of variation within invoices for a single vendor.	0.4	\$ 475.00	\$ 190.00
Rachel Wagner-Kaiser	12/05/19	Extract final numbers for consistency check with Forensics team for documents / transactions / years.	1.5	\$ 475.00	\$ 712.50
Ryan Tuggle	12/05/19	Meeting to review current standing on model performance, including comparison between binary and trinary penalty models, next priorities in terms of solutions vs beginning work on more difficult models with D. Hall, R. Wagner-Kaiser (KPMG).	0.3	\$ 550.00	\$ 165.00
Ryan Tuggle	12/05/19	Prepare project financials forecast to identify proper staffing for revised period-of-performance in order to communicate same to the client.	0.7	\$ 550.00	\$ 385.00
Stephen Greer	12/05/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 50 of 1131 of assigned documents.	1.0	\$ 475.00	\$ 475.00
Tabitha Gaustad	12/05/19	Analysis of population of payments to authorities having jurisdiction (AHJ)for sampling purposes.	0.5	\$ 550.00	\$ 275.00
Yiwen Fu	12/05/19	Divide Phase 2 population into sampling strata, concurrently selecting random samples in specific strata using random number generator in Rat-Stats and compiling sampling workpaper to document items selected.	2.0	\$ 475.00	\$ 950.00
Andrei Emelianov	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review with S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 550.00	\$ 275.00
Bellamy Yoo	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review with A. Emelianov (KPMG Director), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate).	0.5	\$ 275.00	\$ 137.50
Bellamy Yoo	12/06/19	Performed extraction of 79 documents for SAP FB03 Supporting Documentation	3.9	\$ 275.00	\$ 1,072.50

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December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Christopher Wong	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review with A. Emelianov (KPMG Director), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 325.00	\$ 162.50
Christopher Wong	12/06/19	Meeting with S. Mac (PG&E) and K. Johnson (KPMG) to discuss extracting supporting documents for non-PO transactions.	0.5	\$ 325.00	\$ 162.50
Christopher Wong	12/06/19	Extracting supporting documents for non-PO transactions utilizing SAP transaction code FB03 for 90 of 500 transactions.	3.0	\$ 325.00	\$ 975.00
David Hall	12/06/19	Discussion whether team wants to run models on all of the phase I docs, even those that were not reviewed, file extensions and which are important / in scope, review of current sampling approach by team for initial Phase II data extractions, and what analysis we need to do to verify the sample is representative across invoice amounts as well as data variability with Y. Fu and R. Tuggle (KPMG).	0.5	\$ 425.00	\$ 212.50
David Hall	12/06/19	Meeting to discuss approaches that other teams took in extracting image features from documents for training machine learning models, what features may be useful or not to our own specific use case involving classification instead of document sectioning with R. Wagner-Kaiser (KPMG).	0.5	\$ 425.00	\$ 212.50
David Hall	12/06/19	Meeting to review current standing on model performance, including comparison between binary and trinary penalty models, next priorities should be in terms of solutioning vs beginning work on more difficult models with R. Wagner-Kaiser, R. Tuggle (KPMG).	0.5	\$ 425.00	\$ 212.50
David Hall	12/06/19	Created feature matrix for top 30 features generated by multi-class penalty classifier.	1.0	\$ 425.00	\$ 425.00
David Hall	12/06/19	Created spreadsheet for model performance results including parameter configurations.	1.5	\$ 425.00	\$ 637.50
David Hall	12/06/19	Examined documents misclassified by multi-class penalty classifier, identifying attributes possibly contributing to misclassification.	2.0	\$ 425.00	\$ 850.00
David Hall	12/06/19	Examined trade-offs of utilizing multi-class versus binary penalty classifier, considering the value added of identifying non-encroachment penalties.	2.0	\$ 425.00	\$ 850.00
Eloise Pinto	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review with A. Emelianov (KPMG Director), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Jonathan Boldt	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review with A. Emelianov (KPMG Director), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 325.00	\$ 162.50
Jonathan Boldt	12/06/19	Phase 2 SAP FB03 Supporting Documentation extraction of 84 out of 559 assigned documents	3.1	\$ 325.00	\$ 1,007.50
Kimberly Johnson	12/06/19	Follow-up with KPMG team members regarding status of work in order to determine further work to parse out as well as update upper management with findings.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review Attendees: A. Emelianov (KPMG Director), S. Greer (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/06/19	Meeting with S. Mac (PG&E) and C. Wong (KPMG) to discuss extracting supporting documents for non-PO transactions.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/06/19	Prepare status email, as of 12/06/19, to send as requested by the client regarding Phase 2 activities.	0.8	\$ 475.00	\$ 380.00
Kimberly Johnson	12/06/19	In order to facilitate client work, performed process to provide access to each of 8 staff to the database by networking into their computer / updating their local drive.	1.5	\$ 475.00	\$ 712.50
Kimberly Johnson	12/06/19	Joining tables in database to confirm which transactions do not have associated documents from the mass extraction, concurrently reviewing extraction listing / assigning / distributing to 4 team members to review SAP for documents.	2.2	\$ 475.00	\$ 1,045.00
Michelle Yeung	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review with A. Emelianov (KPMG Director), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), and B. Yoo (KPMG Associate).	0.5	\$ 325.00	\$ 162.50
Michelle Yeung	12/06/19	Extracted supporting SAP documentation for 82 in-scope transactions for review.	2.2	\$ 325.00	\$ 715.00
Nicole Tran	12/06/19	Performed the reconciliation of 255 selected vendors of 1,500 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs - Initial reconciliation for obvious name match records.	1.9	\$ 425.00	\$ 807.50

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Name	Date	Description	Hours	Rate	Amount
Nicole Tran	12/06/19	Performed the reconciliation of 330 selected vendors of 1,500 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs - Initial reconciliation for obvious name match records.	2.4	\$ 425.00	\$ 1,020.00
Nicole Tran	12/06/19	Performed the reconciliation of 450 selected vendors of 1,500 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs - Initial reconciliation for obvious name match records.	3.3	\$ 425.00	\$ 1,402.50
Rachel Wagner-Kaiser	12/06/19	Meeting to discuss approaches that other teams took in extracting image features from documents for training machine learning models, what features may be useful or not to our own specific use case involving classification instead of document sectioning with D. Hall (KPMG).	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/06/19	Meeting to review current standing on model performance, including comparison between binary and trinary penalty models, next priorities should be in terms of solutioning vs beginning work on more difficult models with R. Tuggle, D. Hall (KPMG).	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/06/19	Developed solution needs in Ignite components (e.g., machine learning framework, post processing, QA checks, etc.), assuming full preprocessing of PDFs into Lume data structures is complete.	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/06/19	Perform file consistency check to ensure we have all transactions that match.	1.5	\$ 475.00	\$ 712.50
Rachel Wagner-Kaiser	12/06/19	Continue, as of 12/6, to develop Ignite solution (specifically; machine learning framework, post processing, QA checks, etc.).	2.0	\$ 475.00	\$ 950.00
Ryan Tuggle	12/06/19	Discussion whether team wants to run models on all of the phase I docs, even those that were not reviewed, file extensions and which are important / in scope, review of current sampling approach by team for initial Phase II data extractions, and what analysis we need to do to verify the sample is representative across invoice amounts as well as data variability with Y. Fu and D. Hall (KPMG).	0.5	\$ 550.00	\$ 275.00
Ryan Tuggle	12/06/19	Meeting to review current standing on model performance, including comparison between binary and trinary penalty models, next priorities should be in terms of solutioning vs beginning work on more difficult models with R. Wagner-Kaiser, D. Hall (KPMG).	0.5	\$ 550.00	\$ 275.00
Stephen Greer	12/06/19	Meeting to review Access Database as well as discuss process for entering into document review with A. Emelianov (KPMG Director), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Stephen Greer	12/06/19	FBO3 Supporting - Extracting Documentation from PG&E for analysis purposes - extraction of 65 of 500 assigned documents.	3.0	\$ 475.00	\$ 1,425.00
Tabitha Gaustad	12/06/19	Communication to encroachment permitting review team regarding manual review of payment data, information to be collected as part of the manual review, assignment of transactions.	0.8	\$ 550.00	\$ 412.50
Tabitha Gaustad	12/06/19	Reviewing progress on the project, as of 12/6, concurrently updating interim status report on encroachment permitting project for ultimate communication to client.	1.5	\$ 550.00	\$ 825.00
Yiwen Fu	12/06/19	Analyze access review database connection error as well as technical challenges with meetings tracker.	0.2	\$ 475.00	\$ 95.00
Yiwen Fu	12/06/19	Discussion whether team wants to run models on all of the phase I docs, even those that were not reviewed, file extensions and which are important / in scope, review of current sampling approach by team for initial Phase II data extractions, and what analysis we need to do to verify the sample is representative across invoice amounts as well as data variability with R. Tuggle and D. Hall (KPMG).	0.5	\$ 475.00	\$ 237.50
Bellamy Yoo	12/09/19	Meeting with S. Mac (PG&E), K. Johnson, M. Yeung (KPMG) to discuss procedures for interface & non-PO transactions and understand document types.	0.9	\$ 275.00	\$ 247.50
Bellamy Yoo	12/09/19	Phase 2 Document Review per Client Request, specifically reviewed 27 documents of 301 assigned.	3.4	\$ 275.00	\$ 935.00
Christopher Wong	12/09/19	Review, as of 12/09/19, of 45 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	3.0	\$ 325.00	\$ 975.00
Christopher Wong	12/09/19	Review, as of 12/09/19, of 25 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	1.1	\$ 325.00	\$ 357.50
David Hall	12/09/19	Meeting regarding Phase 2 sampling approach / document from Forensics team, our need to understand how much overlap there will be with needs from Lighthouse team for sample, reviewed a couple remaining issues with status update, what material needs to be added, supplemented in coming update with R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG).	0.5	\$ 425.00	\$ 212.50
David Hall	12/09/19	Meeting to review edge case of rule not passing through to final answer as well as options for adjusting code to enable additional features with TFIDF calculations in model training feature matrix with R. Wagner-Kaiser (KPMG).	0.8	\$ 425.00	\$ 340.00
David Hall	12/09/19	Refine / develop presentation for explaining parameter configuration of tfidf features (for the document type classifier, the binary penalty classifier, the multi-class classifier).	2.0	\$ 425.00	\$ 850.00

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Name	Date	Description	Hours	Rate	Amount
David Hall	12/09/19	Examine top 30 features being used by penalty models (both binary and multi-class) in order to analyze strategies for model improvement.	2.2	\$ 425.00	\$ 935.00
David Hall	12/09/19	Plan / strategize for model improvement; specifically relating to document type classifier, binary penalty classifier, multi-class penalty classifier focusing on value added.	2.5	\$ 425.00	\$ 1,062.50
Eloise Pinto	12/09/19	Reviewed expenses with supporting documentation to determine if a penalty / fine was included in the expense.	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/09/19	Analyzed vendors master file focusing on indicated vendors by PG&E to identify target vendors.	1.5	\$ 475.00	\$ 712.50
Jonathan Boldt	12/09/19	Phase 2 SAP FB03 Supporting Documentation: extracting of 38 out of 1038 assigned documents.	1.1	\$ 325.00	\$ 357.50
Juan Gonzalez III	12/09/19	Meeting with S. Mac (PG&E) to discuss procedures for interface / non-PO transactions and gain insight into the document types.	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/09/19	Principal review of project progress as of 12/9, in order to determine next steps for the team.	0.5	\$ 625.00	\$ 312.50
Kimberly Johnson	12/09/19	Meeting with S. Mac (PG&E), B. Yoo, M. Yeung (KPMG) to discuss procedures for interface & non-PO transactions and understand document types.	0.9	\$ 475.00	\$ 427.50
Kimberly Johnson	12/09/19	In preparation for team members to be able to log Phase 2 work, granted access to SQL and then remote logging into their local machine to establish an ODBC connection	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	12/09/19	Extracting File Directory of supporting documents, concurrently determining max document support per individual file on the server as well as incorporating new fields in access database to capture file name / type information that is sufficient for the folder that contains the most supporting documents.	2.4	\$ 475.00	\$ 1,140.00
Michelle Yeung	12/09/19	Reviewing 6 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	0.7	\$ 325.00	\$ 227.50
Michelle Yeung	12/09/19	Meeting with S. Mac (PG&E), K. Johnson, B. Yoo (KPMG) to discuss procedures for interface & non-PO transactions and understand document types.	0.9	\$ 325.00	\$ 292.50
Michelle Yeung	12/09/19	Reviewing 20 of 300 vendor transactions with supporting documentation to determine if penalties or fines were paid.	3.3	\$ 325.00	\$ 1,072.50
Michelle Yeung	12/09/19	Review 35 of 300 vendor transactions with supporting documentation to determine if penalties or fines were paid.	3.7	\$ 325.00	\$ 1,202.50
Nicole Tran	12/09/19	Meeting with T. Gaustad (KPMG) to discuss progress on reconciling a preliminary list of authorities having jurisdiction.	0.8	\$ 425.00	\$ 318.75
Nicole Tran	12/09/19	Performed the reconciliation of 80 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs. Researched and problem solved for records that were not easily identifiable.	0.9	\$ 425.00	\$ 382.50

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Name	Date	Description	Hours	Rate	Amount
Nicole Tran	12/09/19	Performed the reconciliation of 287 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs. Researched and problem solved for records that were not easily identifiable.	2.9	\$ 425.00	\$ 1,232.50
Nicole Tran	12/09/19	Performed the reconciliation of 316 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs.	3.2	\$ 425.00	\$ 1,360.00
Rachel Wagner-Kaiser	12/09/19	Analyze vendor population in Forensic Phase 2 sample compared to general Phase 2 documents, concurrently determining how much overlap existed between vendors in sample / vendor diversity in general population.	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/09/19	Meeting with J. Edwards (KPMG) to review the edge case of rule not passing through to final answer as well as options for adjusting code to enable additional features with TFIDF calculations in model training feature matrix.	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/09/19	Incorporate additional documentation / terminology / support slides for weighting / bias-variance tradeoff / other requested information.	0.7	\$ 475.00	\$ 332.50
Rachel Wagner-Kaiser	12/09/19	Meeting to review edge case of rule not passing through to final answer as well as options for adjusting code to enable additional features with TFIDF calculations in model training feature matrix with D. Hall (KPMG).	0.8	\$ 475.00	\$ 380.00
Rachel Wagner-Kaiser	12/09/19	Explored penalty amount distribution with respect to sampling method used in order to determine if it is consistent with the approach that the Forensics team will take in phase II, concurrently updating status deck accordingly.	1.5	\$ 475.00	\$ 712.50
Ryan Tuggle	12/09/19	Communication with R. Wagner and D. Hall (KPMG) regarding content for next client presentation.	0.5	\$ 550.00	\$ 275.00
Ryan Tuggle	12/09/19	Meeting regarding Phase 2 sampling approach / document from Forensics team, our need to understand how much overlap there will be with needs from Lighthouse team for sample, reviewed a couple remaining issues with status update, what material needs to be added, supplemented in coming update with Y. Fu, D. Hall, R. Wagner-Kaiser (KPMG).	0.5	\$ 550.00	\$ 275.00
Stephen Greer	12/09/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 50 of 1131 of assigned documents.	3.0	\$ 475.00	\$ 1,425.00
Tabitha Gaustad	12/09/19	Meeting with N. Tran (KPMG) to discuss progress on reconciling a preliminary list of authorities having jurisdiction.	0.8	\$ 550.00	\$ 412.50
Yiwen Fu	12/09/19	Draft memo describing Phase 2 sampling methodology.	0.5	\$ 475.00	\$ 237.50

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	12/09/19	Meeting regarding Phase 2 sampling approach / document from Forensics team, our need to understand how much overlap there will be with needs from Lighthouse team for sample, reviewed a couple remaining issues with status update, what material needs to be added, supplemented in coming update with R. Tuggle, D. Hall, R. Wagner-Kaiser (KPMG).	0.5	\$ 475.00	\$ 237.50
Andrei Emelianov	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with T. Gaustad (KPMG Director)Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 550.00	\$ 275.00
Bellamy Yoo	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate).	0.5	\$ 275.00	\$ 137.50
Bellamy Yoo	12/10/19	Phase 2 Document Review, per Client Request, of 5 documents out of 301 assigned.	1.7	\$ 275.00	\$ 467.50
Bellamy Yoo	12/10/19	Phase 2 Document Review, per Client Request, of 21 documents out of 301 assigned.	3.1	\$ 275.00	\$ 852.50
Bellamy Yoo	12/10/19	Phase 2 Document Review, per Client Request, of additional 33 documents out of 301 assigned.	3.8	\$ 275.00	\$ 1,045.00
Christopher Wong	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director)Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 325.00	\$ 162.50
Christopher Wong	12/10/19	Review of 35 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	2.6	\$ 325.00	\$ 845.00
Christopher Wong	12/10/19	Review of 49 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	3.3	\$ 325.00	\$ 1,072.50
David Hall	12/10/19	Meeting regarding rules vs model approach, framing the rules as a backup flag for anything the model may have missed, model configuration information thoroughness for appendix with R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG).	0.5	\$ 425.00	\$ 212.50
David Hall	12/10/19	Meeting to review the status update deck to determine missing information (e.g., explanatory background information for metrics, models, definitions), key priorities, topics to cover with R. Wagner-Kaiser, R. Tuggle and Y. Fu (KPMG).	0.8	\$ 425.00	\$ 340.00

EXHIBIT C16

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
David Hall	12/10/19	Update parameters / features based on error examination from multi-class penalty classifier.	2.0	\$ 425.00	\$ 850.00
David Hall	12/10/19	Design, concurrently implementing business rules for multi-class penalty classifier.	2.2	\$ 425.00	\$ 935.00
David Hall	12/10/19	Examine errors produced by multi-class penalty classifier to determine which features are triggering errors.	2.5	\$ 425.00	\$ 1,062.50
Eloise Pinto	12/10/19	Continue, as of 12/10/19, to analyze vendors master file for indicated vendors by PG&E to identify target vendors.	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/10/19	Continue, as of 12/10/19, to review expenses with supporting documentation to determine if a penalty / fine was included in the expense.	2.5	\$ 475.00	\$ 1,187.50
Jeffrey Strong	12/10/19	Combine monthly p-card data extracts into one table, concurrently incorporating data into SQL scripts to perform analysis on data / extracting data to present to engagement team.	2.8	\$ 475.00	\$ 1,330.00
Jonathan Boldt	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 325.00	\$ 162.50
Jonathan Boldt	12/10/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 84 out of 1038 assigned documents.	2.4	\$ 325.00	\$ 780.00
Jonathan Boldt	12/10/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 126 out of 1038 assigned documents.	3.4	\$ 325.00	\$ 1,105.00
Juan Gonzalez III	12/10/19	In order to determine priorities /next steps for project, perform principal review of interim deliverables as of 12/10.	0.8	\$ 625.00	\$ 500.00
Kimberly Johnson	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/10/19	Phase 2 review: Analyzing 10 interface related documents in SAP to confirm there is no support included.	0.8	\$ 475.00	\$ 380.00
Kimberly Johnson	12/10/19	Creating scripts to update user information, concurrently assigning records / verifying for errors during review.	1.5	\$ 475.00	\$ 712.50

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Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	12/10/19	Creating scripts to update database if there are new PDDoc Nos. / Accounting Information (GL Codes, Description and Work Code) / embed new transactions into the database file.	3.3	\$ 475.00	\$ 1,567.50
Michelle Yeung	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 325.00	\$ 162.50
Michelle Yeung	12/10/19	Review 21 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.1	\$ 325.00	\$ 1,007.50
Michelle Yeung	12/10/19	Review 33 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.6	\$ 325.00	\$ 1,170.00
Nicole Tran	12/10/19	Performed the reconciliation of 246 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	2.5	\$ 425.00	\$ 1,062.50
Nicole Tran	12/10/19	Performed the reconciliation of 265 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	2.7	\$ 425.00	\$ 1,147.50
Nicole Tran	12/10/19	Performed the reconciliation of 291 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	2.9	\$ 425.00	\$ 1,232.50
Rachel Wagner-Kaiser	12/10/19	Meeting regarding rules vs model approach, framing the rules as a backup flag for anything the model may have missed, model configuration information thoroughness for appendix with R. Tuggle, Y. Fu, D. Hall (KPMG).	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/10/19	Meeting to review the status update deck to determine missing information (e.g., explanatory background information for metrics, models, definitions), key priorities, topics to cover with R. Tuggle, Y. Fu, D. Hall (KPMG).	0.8	\$ 475.00	\$ 380.00
Rachel Wagner-Kaiser	12/10/19	Incorporate additional documentation / terminology / support slides for weighting / bias-variance tradeoff / other requested information, concurrently re-generating plots to reflect up-to-date material as well as model performance metrics / information.	2.7	\$ 475.00	\$ 1,282.50
Ryan Tuggle	12/10/19	Meeting regarding rules vs model approach, framing the rules as a backup flag for anything the model may have missed, model configuration information thoroughness for appendix with D. Hall, Y. Fu, R. Wagner-Kaiser (KPMG).	0.5	\$ 550.00	\$ 275.00

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December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Ryan Tuggle	12/10/19	Prepared project update email as of 12/10 for KPMG / PG&E stakeholders.	0.7	\$ 550.00	\$ 385.00
Ryan Tuggle	12/10/19	Meeting to review the status update deck to determine missing information (e.g., explanatory background information for metrics, models, definitions), key priorities, topics to cover with Y. Fu, R. Wagner-Kaiser and D. Hall (KPMG).	0.8	\$ 550.00	\$ 440.00
Stephen Greer	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director) Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50
Stephen Greer	12/10/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 55 of 1131 of assigned documents.	1.6	\$ 475.00	\$ 760.00
Stephen Greer	12/10/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 97 of 1131 of assigned documents.	2.8	\$ 475.00	\$ 1,330.00
Stephen Greer	12/10/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 107 of 1131 of assigned documents.	3.1	\$ 475.00	\$ 1,472.50
Tabitha Gaustad	12/10/19	Meeting to discuss status and next steps, as of 12/10/19, with A. Emelianov (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/10/19	Analyze 5,700 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction (AHJ) as part of phase 2 of the encroachment permitting project.	1.4	\$ 550.00	\$ 770.00
Tabitha Gaustad	12/10/19	Analyze 11,100 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction as part of phase 2 of the encroachment permitting project.	2.8	\$ 550.00	\$ 1,540.00
Tabitha Gaustad	12/10/19	Analyze 13,200 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction as part of phase 2 of the encroachment permitting project.	3.3	\$ 550.00	\$ 1,815.00
Yiwen Fu	12/10/19	Meeting regarding rules vs model approach, framing the rules as a backup flag for anything the model may have missed, model configuration information thoroughness for appendix with R. Tuggle, D. Hall, R. Wagner-Kaiser (KPMG).	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	12/10/19	Meeting to review the status update deck to determine missing information (e.g., explanatory background information for metrics, models, definitions), key priorities, topics to cover with R. Wagner-Kaiser, R. Tuggle, D. Hall (KPMG).	0.8	\$ 475.00	\$ 380.00
Yiwen Fu	12/10/19	Draft memo describing Phase 2 sampling methodology.	1.0	\$ 475.00	\$ 475.00
Bellamy Yoo	12/11/19	Phase 2 Document Review, per Client Request, of 15 documents out of 301 assigned.	1.0	\$ 275.00	\$ 275.00
Bellamy Yoo	12/11/19	Phase 2 Document Review, per Client Request, of 22 documents out of 301 assigned.	2.4	\$ 275.00	\$ 660.00
Christopher Wong	12/11/19	Review of 19 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	1.3	\$ 325.00	\$ 422.50
Christopher Wong	12/11/19	Review of 40 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	2.7	\$ 325.00	\$ 877.50
David Hall	12/11/19	Meeting regarding key points that need to be conveyed during status update call (e.g., primarily model performance and methodology) as well as the key information we need to plan effectively moving forward (e.g., where is largest value and what does the ROI look like for those models) with Y. Fu, R. Wagner-Kaiser (KPMG).	0.4	\$ 425.00	\$ 170.00
David Hall	12/11/19	Meeting to align on current status / progress towards milestones / deliverables, review current performance and configuration of the document type and penalty models, largest value is for client as well as where we are likely to continue to get ROI on our invested time, particularly in relation with Phase II with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager).	1.0	\$ 425.00	\$ 425.00
David Hall	12/11/19	Based on the examination of errors, further revise parameters / features of binary penalty classifier in attempt to improve performance.	1.6	\$ 425.00	\$ 680.00
David Hall	12/11/19	Design, concurrently implementing business rules for binary penalty classifier to improve performance.	2.0	\$ 425.00	\$ 850.00
David Hall	12/11/19	Examine errors from binary penalty classifier in order to determine which features are triggering errors.	3.0	\$ 425.00	\$ 1,275.00
Eloise Pinto	12/11/19	Continue, as of 12/11/19, to review expenses with supporting documentation to determine if a penalty / fine was included in the expense.	2.0	\$ 475.00	\$ 950.00
Eloise Pinto	12/11/19	Continue, as of 12/11/19, to analyze the vendors master file for newly indicated vendors by PG&E to identify target vendors.	2.1	\$ 475.00	\$ 997.50
Jonathan Boldt	12/11/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 68 out of 1038 assigned documents.	1.7	\$ 325.00	\$ 552.50
Jonathan Boldt	12/11/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 102 out of 1038 assigned documents.	2.6	\$ 325.00	\$ 845.00
Jonathan Boldt	12/11/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 114 out of 1038 assigned documents.	2.9	\$ 325.00	\$ 942.50

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Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	12/11/19	Meeting to discuss potential status slides and consult on the various type of information that will be useful to share with K. Johnson (KPMG) and R. Chriss (PG&E).	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/11/19	Preparation of presentation material for upcoming meeting with R. Chriss (PG&E)	0.8	\$ 625.00	\$ 500.00
Juan Gonzalez III	12/11/19	Meeting to align on current status / progress towards milestones / deliverables, review current performance and configuration of the document type and penalty models, largest value is for client as well as where we are likely to continue to get ROI on our invested time, particularly in relation with Phase II with T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager) and D. Hall (KPMG Sr. Associate).	1.0	\$ 625.00	\$ 625.00
Kimberly Johnson	12/11/19	Incorporating into SQL the new 2018 / 2019 transaction files received from the client, concurrently cross referencing the Document Type / Document Header Text with sample selection.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/11/19	Meeting to discuss potential status slides and consult on the various type of information that will be useful to share with J. Gonzalez III (KPMG) and R. Chriss (PG&E).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/11/19	Continue, as of 12/11/19, manager review of first level review for any errors or inconsistencies, concurrently analyzing database, reviewing one offs of Phase 2 review transactions- 20 transactions from those reviewed by team.	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	12/11/19	Create status slide deck as requested by the client, including slides for scope / historical data / machine learning update slide.	1.6	\$ 475.00	\$ 760.00
Kimberly Johnson	12/11/19	Perform manager first pass review for any errors or inconsistencies., concurrently analyzing database and review of one offs of Phase 2 review transactions - 20 transactions from those reviewed by team.	3.4	\$ 475.00	\$ 1,615.00
Michelle Yeung	12/11/19	Review of 4 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	0.6	\$ 325.00	\$ 195.00
Michelle Yeung	12/11/19	Review, concurrently incorporating P-card files from January 2019 - October 2019 into database as a combined table.	1.2	\$ 325.00	\$ 390.00
Michelle Yeung	12/11/19	Review 27 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.3	\$ 325.00	\$ 1,072.50
Michelle Yeung	12/11/19	Review 29 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.4	\$ 325.00	\$ 1,105.00
Nicole Tran	12/11/19	Performed the reconciliation of 194 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	2.0	\$ 425.00	\$ 850.00

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Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Nicole Tran	12/11/19	Performed the reconciliation of 279 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	2.8	\$ 425.00	\$ 1,190.00
Nicole Tran	12/11/19	Performed the reconciliation of 378 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	3.2	\$ 425.00	\$ 1,360.00
Rachel Wagner-Kaiser	12/11/19	Meeting regarding key points that need to be conveyed during status update call (e.g., primarily model performance and methodology) as well as the key information we need to plan effectively moving forward (e.g., where is largest value and what does the ROI look like for those models) with Y. Fu and D. Hall (KPMG).	0.4	\$ 475.00	\$ 190.00
Rachel Wagner-Kaiser	12/11/19	Re-annotated data in Lumes for testing out an invoice binary model.	0.6	\$ 475.00	\$ 285.00
Rachel Wagner-Kaiser	12/11/19	Meeting to align on current status / progress towards milestones / deliverables, review current performance and configuration of the document type and penalty models, largest value is for client as well as where we are likely to continue to get ROI on our invested time, particularly in relation with Phase II with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/11/19	Phase 2 exploration of vendor distribution / number of transactions included in sample / number of vendors out of sample / needed supplementary review to have reasonable dataset for effectively modeling phase 2.	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/11/19	Updated, as of 12/11/19, the presentation (specifically curated plots / confusion matrices / explanatory figures / tables) in preparation for upcoming discussions with client.	1.0	\$ 475.00	\$ 475.00
Ryan Tuggle	12/11/19	Meeting to align on current status / progress towards milestones / deliverables, review current performance and configuration of the document type and penalty models, largest value is for client as well as where we are likely to continue to get ROI on our invested time, particularly in relation with Phase II with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 550.00	\$ 550.00
Stephen Greer	12/11/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 75 of 1131 of assigned documents.	2.1	\$ 475.00	\$ 997.50
Stephen Greer	12/11/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 93 of 1131 of assigned documents.	2.6	\$ 475.00	\$ 1,235.00

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Name	Date	Description	Hours	Rate	Amount
Stephen Greer	12/11/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 117 of 1131 of assigned documents.	3.3	\$ 475.00	\$ 1,567.50
Tabitha Gaustad	12/11/19	Meeting to align on current status / progress towards milestones / deliverables, review current performance and configuration of the document type and penalty models, largest value is for client as well as where we are likely to continue to get ROI on our invested time, particularly in relation with Phase II with J. Gonzalez III (KPMG Principal), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager) and D. Hall (KPMG Sr. Associate).	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	12/11/19	Analysis of 22,000 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction as part of phase 2 of the encroachment permitting project.	3.2	\$ 550.00	\$ 1,760.00
Tabitha Gaustad	12/11/19	Continue, from earlier on 12/11, analysis of 22,000 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction as part of phase 2 of the encroachment permitting project.	1.8	\$ 550.00	\$ 990.00
Yiwen Fu	12/11/19	Meeting regarding key points that need to be conveyed during status update call (e.g., primarily model performance and methodology) as well as the key information we need to plan effectively moving forward (e.g., where is largest value and what does the ROI look like for those models) with R. Wagner-Kaiser and D. Hall (KPMG).	0.4	\$ 475.00	\$ 190.00
Yiwen Fu	12/11/19	Clarify linkage between document folders / previous dataset listing in-scope transactions utilizing Phase 2 PDF documents extracted for machine learning model.	0.6	\$ 475.00	\$ 285.00
Yiwen Fu	12/11/19	Meeting to align on current status / progress towards milestones / deliverables, review current performance and configuration of the document type and penalty models, largest value is for client as well as where we are likely to continue to get ROI on our invested time, particularly in relation with Phase II with J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), R. Tuggle (KPMG Director), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 475.00	\$ 475.00
Andrei Emelianov	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.3	\$ 550.00	\$ 165.00

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Name	Date	Description	Hours	Rate	Amount
Bellamy Yoo	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate).	0.3	\$ 275.00	\$ 82.50
Bellamy Yoo	12/12/19	Phase 2 Document Review, per Client Request, of 20 documents out of 301 assigned.	3.3	\$ 275.00	\$ 907.50
Bellamy Yoo	12/12/19	Phase 2 Document Review, per Client Request, of 24documents out of 301 assigned.	3.4	\$ 275.00	\$ 935.00
Christopher Wong	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.3	\$ 325.00	\$ 97.50
Christopher Wong	12/12/19	Review of 43 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	2.6	\$ 325.00	\$ 845.00
Christopher Wong	12/12/19	Review of 57 of 359 assigned supporting documents for transactions to determine if penalties or fines were paid.	3.4	\$ 325.00	\$ 1,105.00
David Hall	12/12/19	Meeting regarding methods to improve current penalty multi-class model (include stop words, exclude numbers, try replacing dates/times/etc. with label), review possible approaches and needs for handling streaming data, the issues that will arise in model performance tracking, explanation of Phase II current state (documents pulled but not yet annotated - as well as mismatch between SAP document number and PD document number mapping issue) with R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG).	0.5	\$ 425.00	\$ 212.50
David Hall	12/12/19	Transferred new phase documentation from Forensic shared drive to Lighthouse shared drive.	1.0	\$ 425.00	\$ 425.00
David Hall	12/12/19	Performed analysis to compare results from new binary invoice classifier to multi-class, determining that no gains were made.	1.5	\$ 425.00	\$ 637.50
David Hall	12/12/19	Examined new phase raw documents from Forensic shared drive, comparing to excel sheet describing them.	2.0	\$ 425.00	\$ 850.00
David Hall	12/12/19	Create, concurrently testing a binary invoice classifier to compare to the current multi-class document type classifier.	3.0	\$ 425.00	\$ 1,275.00

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Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Eloise Pinto	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.3	\$ 475.00	\$ 142.50
Eloise Pinto	12/12/19	Continue, as of 12/12/19, to review the expenses with supporting documentation to determine if a penalty / fine was included in the expense.	2.1	\$ 475.00	\$ 997.50
Jonathan Boldt	12/12/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 92 out of 1038 assigned documents.	2.3	\$ 325.00	\$ 747.50
Jonathan Boldt	12/12/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 128 out of 1038 assigned documents.	3.2	\$ 325.00	\$ 1,040.00
Juan Gonzalez III	12/12/19	Review of progress, concurrently drafting communication to client to update regarding same.	0.5	\$ 625.00	\$ 312.50
Kimberly Johnson	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.3	\$ 475.00	\$ 142.50
Kimberly Johnson	12/12/19	Preparation for status meeting by expanding the slide deck into multiple slides for each of the three categories for Phase 2 (Scope, / Status / embedding Vendor Lists).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/12/19	Updating, as of 12/12/19, the SQL scripts to be used by backup for next week.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/12/19	Continue, from earlier on 12/12/19, extracting document types from SAP, concurrently reconciling back to Phase 2 transactions and analyzing different interfaces involved in Phase 2 (transactions / email correspondence with PGE).	2.0	\$ 475.00	\$ 950.00
Kimberly Johnson	12/12/19	Extract document types from SAP, concurrently reconciling back to Phase 2 transactions also analyzing different interfaces involved in Phase 2 (transactions / email correspondence with PGE).	2.7	\$ 475.00	\$ 1,282.50
Michelle Yeung	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), B. Yoo (KPMG Associate).	0.3	\$ 325.00	\$ 97.50
Michelle Yeung	12/12/19	Review 6 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	0.8	\$ 325.00	\$ 260.00
Michelle Yeung	12/12/19	Continue, as of 12/12, to verify, P-card files from January 2019 - October 2019 concurrently incorporating into database as a combined table.	1.1	\$ 325.00	\$ 357.50

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December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	12/12/19	Review 25 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.2	\$ 325.00	\$ 1,040.00
Michelle Yeung	12/12/19	Review 30 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.6	\$ 325.00	\$ 1,170.00
Nicole Tran	12/12/19	Performed the reconciliation of 182 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	1.9	\$ 425.00	\$ 807.50
Nicole Tran	12/12/19	Performed the reconciliation of 291 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	2.9	\$ 425.00	\$ 1,232.50
Nicole Tran	12/12/19	Performed the reconciliation of 332 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	3.4	\$ 425.00	\$ 1,445.00
Rachel Wagner-Kaiser	12/12/19	Meeting regarding methods to improve current penalty multi-class model (include stop words, exclude numbers, try replacing dates/times/etc. with label), review possible approaches and needs for handling streaming data, the issues that will arise in model performance tracking, explanation of Phase II current state (documents pulled but not yet annotated - as well as mismatch between SAP document number and PD document number mapping issue) with R. Tuggle, Y. Fu, D. Hall (KPMG).	0.5	\$ 475.00	\$ 237.50
Rachel Wagner-Kaiser	12/12/19	Create custom QA checks / manual review / exception handling flags for model confidence to detail whether a rule was triggered for each model / for each document / whether OCR quality was low.	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/12/19	Extraction level output preparation: extraction of important identifying information from Lumes as well as key model results / any manual flags or exceptions.	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/12/19	Test incorporation into backend that allows for additional features with TFIDF in Ignite machine learning framework.	1.5	\$ 475.00	\$ 712.50
Ryan Tuggle	12/12/19	Meeting regarding methods to improve current penalty multi-class model (include stop words, exclude numbers, try replacing dates/times/etc. with label), review possible approaches and needs for handling streaming data, the issues that will arise in model performance tracking, explanation of Phase II current state (documents pulled but not yet annotated - as well as mismatch between SAP document number and PD document number mapping issue) with Y. Fu, R. Wagner-Kaiser, D. Hall (KPMG)	0.5	\$ 550.00	\$ 275.00

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December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Ryan Tuggle	12/12/19	Revised diagram of data flows and model development.	0.5	\$ 550.00	\$ 275.00
Stephen Greer	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with A. Emelianov (KPMG Director), T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.3	\$ 475.00	\$ 142.50
Stephen Greer	12/12/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 73 of 1131 of assigned documents.	1.8	\$ 475.00	\$ 855.00
Stephen Greer	12/12/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 109 of 1131 of assigned documents.	2.7	\$ 475.00	\$ 1,282.50
Stephen Greer	12/12/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 129 of 1131 of assigned documents.	3.2	\$ 475.00	\$ 1,520.00
Tabitha Gaustad	12/12/19	Meeting to discuss project status, as of 12/12/19, updates with A. Emelianov (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), E. Pinto (KPMG Manager), J. Boldt (KPMG Associate), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.3	\$ 550.00	\$ 137.50
Tabitha Gaustad	12/12/19	Analysis of 2,000 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction as part of phase 2 of the encroachment permitting project.	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	12/12/19	Preparation of status report on encroachment permitting (phase 2) to be delivered to C. Gleicher (PG&E) and R. Chriss (PG&E)	1.5	\$ 550.00	\$ 825.00
Yiwen Fu	12/12/19	Continue, as of 12/12/19, to clarify linkage between document folders / previous dataset listing in-scope transactions utilizing Phase 2 PDF documents extracted for machine learning model.	0.2	\$ 475.00	\$ 95.00
Yiwen Fu	12/12/19	Meeting regarding methods to improve current penalty multi-class model (include stop words, exclude numbers, try replacing dates/times/etc. with label), review possible approaches and needs for handling streaming data, the issues that will arise in model performance tracking, explanation of Phase II current state (documents pulled but not yet annotated - as well as mismatch between SAP document number and PD document number mapping issue) with R. Tuggle, R. Wagner-Kaiser, D. Hall (KPMG)	0.5	\$ 475.00	\$ 237.50
Bellamy Yoo	12/13/19	Phase 2 Document Review, per Client Request, of 13 documents out of 301 assigned.	1.2	\$ 275.00	\$ 330.00
Bellamy Yoo	12/13/19	Phase 2 Document Review, per Client Request, of 16 documents out of 301 assigned.	1.6	\$ 275.00	\$ 440.00
Bellamy Yoo	12/13/19	Phase 2 Document Review, per Client Request, of 19 documents out of 301 assigned.	2.5	\$ 275.00	\$ 687.50

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Name	Date	Description	Hours	Rate	Amount
Bellamy Yoo	12/13/19	Phase 2 Document Review, per Client Request, of 22 documents out of 301 assigned.	2.7	\$ 275.00	\$ 742.50
David Hall	12/13/19	Meeting to review, as of 12/13/19, the current status on deployment workflow, phase 2 document pre-processing, future computing needs with relation to Phase II document population with R. Wagner-Kaiser (KPMG).	0.1	\$ 425.00	\$ 42.50
David Hall	12/13/19	Transfer of next phase data from Forensic shared drive to server for processing, concurrently verifying / updating appropriate permissions along the way.	1.0	\$ 425.00	\$ 425.00
David Hall	12/13/19	Begin the process of creating new features for invoice classifier by turning number tokens into 'date' or 'amount' as appropriate.	1.9	\$ 425.00	\$ 807.50
David Hall	12/13/19	Modified invoice classifier to include custom stop words in attempt to increase performance.	2.0	\$ 425.00	\$ 850.00
David Hall	12/13/19	Updated stop words for multi-class encroachment penalty classifier by running / re-running the performance metrics on the model.	3.0	\$ 425.00	\$ 1,275.00
Eloise Pinto	12/13/19	Continue, as of 12/13/19, to analyze the vendors master file for newly indicated vendors by PG&E to identify target vendors.	1.0	\$ 475.00	\$ 475.00
Eloise Pinto	12/13/19	Continue, as of 12/13/19, review of expenses with supporting documentation to determine if a penalty / fine was included in the expense.	2.5	\$ 475.00	\$ 1,187.50
Jonathan Boldt	12/13/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 72 out of 1038 assigned documents.	1.8	\$ 325.00	\$ 585.00
Jonathan Boldt	12/13/19	Phase 2 SAP FB03 Supporting Documentation: extraction of 239 out of 1038 assigned documents.	3.2	\$ 325.00	\$ 1,040.00
Juan Gonzalez III	12/13/19	Review, as of 12/13/19, the progress, reporting, risk management, prioritization of next steps. (1.0). Communication with risk management leadership regarding risk mitigation approaches.(.2)	1.2	\$ 625.00	\$ 750.00
Kimberly Johnson	12/13/19	Communication to team to note outstanding items and timeline with T. Gaustad (KPMG Director), J. Gonzalez (KPMG Partner), E. Pinto (KPMG Manager), Y. Fu (KPMG Manager).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/13/19	Prepare response to one off inquires from staff regarding identification of penalties they are finding in the Phase 2 review.	0.8	\$ 475.00	\$ 380.00
Kimberly Johnson	12/13/19	Analyze document types based on Vendor / interface document type marking, concurrently creating pivots / graphs to indicate analysis completed on Phase 2 transactions.	1.5	\$ 475.00	\$ 712.50
Kimberly Johnson	12/13/19	Updating database for any issues or inconsistencies identified, as of 12/13, in the first level review process for Phase 2.	3.2	\$ 475.00	\$ 1,520.00
Michelle Yeung	12/13/19	Review 10 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	1.1	\$ 325.00	\$ 357.50
Michelle Yeung	12/13/19	Review 28 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.6	\$ 325.00	\$ 1,170.00

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	12/13/19	Review of 26 of 301 assigned vendor transactions along with supporting documentation to determine if penalties or fines were paid.	3.3	\$ 325.00	\$ 1,072.50
Nicole Tran	12/13/19	Performed the reconciliation of 174 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	1.8	\$ 425.00	\$ 765.00
Nicole Tran	12/13/19	Performed the reconciliation of 283 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	2.9	\$ 425.00	\$ 1,232.50
Nicole Tran	12/13/19	Performed the reconciliation of 311 selected vendors of 3,909 identified as related to Authority Having Jurisdictions (AHJs) to a master list of AHJs, concurrently researching / problem solving for records that were not easily identifiable.	3.2	\$ 425.00	\$ 1,360.00
Rachel Wagner-Kaiser	12/13/19	Meeting to review, as of 12/13/19, the current status on deployment workflow, phase 2 document pre-processing, future computing needs with relation to Phase II document population with D. Hall (KPMG).	0.1	\$ 475.00	\$ 47.50
Rachel Wagner-Kaiser	12/13/19	Perform basic QA checks (document types, document quality, counts, etc.) on phase 2 data transferred to local machine	0.4	\$ 475.00	\$ 190.00
Rachel Wagner-Kaiser	12/13/19	Perform testing of deployment workflow on local machine to ensure it runs on a sample set of documents / produces expected structured output at transaction / document level.	1.5	\$ 475.00	\$ 712.50
Rachel Wagner-Kaiser	12/13/19	Converted deployment workflow to runner script for server. test that runner script works locally.	2.0	\$ 475.00	\$ 950.00
Stephen Greer	12/13/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 44 of 1131 of assigned documents.	1.1	\$ 475.00	\$ 522.50
Stephen Greer	12/13/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 116 of 1131 of assigned documents.	2.9	\$ 475.00	\$ 1,377.50
Tabitha Gaustad	12/13/19	Analysis of 9,030 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction as part of phase 2 of the encroachment permitting project.	2.6	\$ 550.00	\$ 1,430.00
Tabitha Gaustad	12/13/19	Analysis of 11,970 out of 75,000 unique vendors within 2019 P-card transactions to identify transactions with potential authorities having jurisdiction as part of phase 2 of the encroachment permitting project.	3.4	\$ 550.00	\$ 1,870.00
Michelle Yeung	12/14/19	Perform quality control of first / second level review results as support for management of SQL database	3.0	\$ 325.00	\$ 975.00
Michelle Yeung	12/15/19	Continue, from earlier on 12/15, to perform quality control of first / second level review results as support for management of SQL database	2.5	\$ 325.00	\$ 812.50

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Name	Date	Description	Hours	Rate	Amount
Bellamy Yoo	12/16/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 34 documents out of 484 assigned.	2.7	\$ 275.00	\$ 742.50
David Hall	12/16/19	Meeting with Y. Fu and R. Wagner-Kaiser (KPMG) to review options for sampling from Phase 2 dataset for modeling sample, pros / cons of the approaches and agreed on approximately additional 1000 samples that will be identified, provided in a list of transactions IDs by end of day tomorrow.	0.3	\$ 425.00	\$ 127.50
David Hall	12/16/19	Meeting to review the current state of models, configuration, deployment testing, additional sampling for phase 2 up to 1000 additional transactions - which need to be identified given a sampling strategy, initial phase 2 data from last week, some of the edge cases that arose (e.g., compiled documents, non-PDF documents), conversion of any necessary documents to PDFs following the review with R. Wagner-Kaiser and Y. Fu (KPMG).	0.4	\$ 425.00	\$ 170.00
David Hall	12/16/19	Create initial modeling configuration files as a starting point for the phase2 document type classifier.	1.5	\$ 425.00	\$ 637.50
David Hall	12/16/19	Examined pre-processed phase2 documentation (documents for training / testing / validation datasets) as precursor to building document type classifier / 2 penalty classifiers.	2.8	\$ 425.00	\$ 1,190.00
David Hall	12/16/19	In preparation for phase2 modeling (document classifier and penalty classifier), classified pre-processed documents on server	3.0	\$ 425.00	\$ 1,275.00
Eloise Pinto	12/16/19	Status update, as of 12/16/19, regarding project workstreams, contact persons for L Type Documents, P-Card Workstream with J. Gonzalez III (KPMG) and R. Chriss (PG&E). (partial attendance)	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/16/19	Meeting with T. Gaustad, J. Gonzalez (KPMG) to discuss current status of workstreams, update of presentation deck for work performed, next steps to be completed to complete review workstream .	1.0	\$ 475.00	\$ 475.00
Eloise Pinto	12/16/19	Meeting to review current status of workstreams, concurrently updating presentation deck for work performed, next steps to be completed to complete review workstream with T. Gaustad (KPMG).	1.5	\$ 475.00	\$ 712.50
Eloise Pinto	12/16/19	Perform matching of contractors to master vendor list,. (2.4) Follow-up with PG&E personnel regarding vendor names / SAP interfaces.(.4)	2.8	\$ 475.00	\$ 1,330.00
Juan Gonzalez III	12/16/19	Meeting to review current status of workstreams as of 12/16, presentation deck for work performed, next steps to be completed to complete review workstream with E. Pinto and T. Gaustad (KPMG).	1.0	\$ 625.00	\$ 625.00
Juan Gonzalez III	12/16/19	Status update, as of 12/16/19, regarding project workstreams, contact persons for L Type Documents, P-Card Workstream with E. Pinto (KPMG) and R. Chriss (PG&E).	1.0	\$ 625.00	\$ 625.00

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	12/16/19	Continue, as of 12/16/19, to support management of SQL database; specifically identification / mitigation of issues relating to 320 transactions missing supporting documentation / QC of first / second level review results.	1.6	\$ 325.00	\$ 520.00
Michelle Yeung	12/16/19	Executed analysis on SQL database to identify potential issues in extracting document for additional Lighthouse request in support of machine learning work stream.	1.3	\$ 325.00	\$ 422.50
Michelle Yeung	12/16/19	Support management of SQL database including first / second level review assignment / identification / mitigation of issues relating to 820 transactions missing supporting documentation / QC of first / second level review results.	3.0	\$ 325.00	\$ 975.00
Michelle Yeung	12/16/19	Executed analysis of sample data; specifically identification / analysis of missing documentation in direct payments sampling / direction of efforts to locate missing support for 1,440 transactions.	3.4	\$ 325.00	\$ 1,105.00
Nicole Tran	12/16/19	Research, concurrently analyzing the 226 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	1.2	\$ 425.00	\$ 510.00
Nicole Tran	12/16/19	Research, concurrently analyzing the 398 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	2.1	\$ 425.00	\$ 892.50
Nicole Tran	12/16/19	Performed analysis of the data to determine which Phase 2 vendors (SF / Marin /SC) were not included in Phase 1.	2.2	\$ 425.00	\$ 935.00
Nicole Tran	12/16/19	Research, concurrently analyzing 511 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	2.7	\$ 425.00	\$ 1,147.50
Rachel Wagner-Kaiser	12/16/19	Meeting with Y. Fu and D. Hall (KPMG) to review options for sampling from Phase 2 dataset for modeling sample, pros / cons of the approaches and agreed on approximately additional 1000 samples that will be identified, provided in a list of transactions IDs by end of day tomorrow.	0.3	\$ 475.00	\$ 142.50
Rachel Wagner-Kaiser	12/16/19	Meeting to review the current state of models, configuration, deployment testing, additional sampling for phase 2 up to 1000 additional transactions - which need to be identified given a sampling strategy, initial phase 2 data from last week, some of the edge cases that arose (e.g., compiled documents, non-PDF documents), conversion of any necessary documents to PDFs following the review with Y. Fu and D. Hall (KPMG).	0.4	\$ 475.00	\$ 190.00

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/16/19	Analyzed similarities of documents within a single vendor (across multiple transactions / different vendors, concurrently reviewing statistical measures) to determine if there was any significant difference in the similarities or in the distribution for transactions across invoice amount buckets as defined by Forensics team.	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/16/19	Review, as of 12/16/19, phase II documentation in terms of numbers / document types / transactions per vendor, concurrently comparing sample to entire population to determine possible sampling strategies.	1.1	\$ 475.00	\$ 522.50
Rachel Wagner-Kaiser	12/16/19	Perform testing (verifying deployment workflow on server environment) concurrently addressing code issues that arose around file paths / argument parsing.	1.2	\$ 475.00	\$ 570.00
Stephen Greer	12/16/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 40 of 560 of assigned documents.	2.8	\$ 475.00	\$ 1,330.00
Stephen Greer	12/16/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 94 of 560 of assigned documents.	1.2	\$ 475.00	\$ 570.00
Tabitha Gaustad	12/16/19	Meeting to review current status of workstreams, presentation deck for work performed, next steps to be completed to complete review workstream with E. Pinto and J. Gonzalez III (KPMG).	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	12/16/19	Analysis of vendors sampled, concurrently noting / providing guidance to N. Tran (KPMG Senior associate) regarding quality control checks on the data.	1.5	\$ 550.00	\$ 825.00
Tabitha Gaustad	12/16/19	Meeting to review current status of workstreams, concurrently updating presentation deck for work performed, next steps to be completed to complete review workstream with E. Pinto (KPMG).	1.5	\$ 550.00	\$ 825.00
Tabitha Gaustad	12/16/19	Permitting Phase 2 - following up with PG&E stakeholders for information outstanding as of 12/16.	1.8	\$ 550.00	\$ 990.00
Yiwen Fu	12/16/19	Meeting with D. Hall, R. Wagner-Kaiser (KPMG) to review options for sampling from Phase 2 dataset for modeling sample, pros / cons of the approaches and agreed on approximately additional 1000 samples that will be identified, provided in a list of transactions IDs by end of day tomorrow.	0.3	\$ 475.00	\$ 142.50
Yiwen Fu	12/16/19	Meeting to review the current state of models, configuration, deployment testing, additional sampling for phase 2 up to 1000 additional transactions - which need to be identified given a sampling strategy, initial phase 2 data from last week, some of the edge cases that arose (e.g., compiled documents, non-PDF documents), conversion of any necessary documents to PDFs following the review with R. Wagner-Kaiser and D. Hall (KPMG).	0.4	\$ 475.00	\$ 190.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	12/16/19	Perform research to obtain clarification on how Phase 2 PDF documents are extracted from the client's system.	0.5	\$ 475.00	\$ 237.50
Bellamy Yoo	12/17/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 60 documents out of 484 assigned.	3.2	\$ 275.00	\$ 880.00
Bellamy Yoo	12/17/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 63 documents out of 484 assigned.	3.3	\$ 275.00	\$ 907.50
Bellamy Yoo	12/17/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 67 documents out of 484 assigned.	3.5	\$ 275.00	\$ 962.50
David Hall	12/17/19	Meeting to review key next steps that we need to outline for status update, including client ready material development, what the computation throughput is on the server, Phase 2 documents and which include SAP documents and which don't, as well as the implications for the model performance with R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG).	0.3	\$ 425.00	\$ 127.50
David Hall	12/17/19	Meeting regarding explanations of the dataset breakdown - right now the Phase 2 is the direct invoice population, we should expect additional data on the contract / p-card populations in the future, review current sampling approach for the request for additional transactions to be reviewed from the direct invoice population, how we will address batches of incoming data in terms of re-training and model performance with R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG).	0.7	\$ 425.00	\$ 297.50
David Hall	12/17/19	Aggregated performance metrics, concurrently creating confusion matrix from the output of the document type classifier / penalty classifiers on validation set.	2.0	\$ 425.00	\$ 850.00
David Hall	12/17/19	Ran trained models over hold-out (validation) set to get final phase 1 performance metrics for document type / penalty classifiers.	2.5	\$ 425.00	\$ 1,062.50
David Hall	12/17/19	Performed transfer of model configuration files to server for final processing of phase 1 documents (for initial document type and penalty classifier).	2.5	\$ 425.00	\$ 1,062.50
Eloise Pinto	12/17/19	Prepared for discussion with C. Guiman (PG&E) by reviewing SAP interface for LL type documents (utility user tax).	0.4	\$ 475.00	\$ 190.00
Eloise Pinto	12/17/19	Discussion regarding utility user tax payments and LL type documents, the related SAP interface and relevant documentation with J. Gonzalez III, T. Gaustad (KPMG), J. McBroom, C. Guiman (PG&E).	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/17/19	Meeting to discuss project status and updates, as of 12/17, with Y. Fu, T. Gaustad (KPMG).	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/17/19	Meeting to discuss utility user tax with J. Gonzalez III (KPMG) and C. Guiman (PG&E).	1.0	\$ 475.00	\$ 475.00
Eloise Pinto	12/17/19	Continue, from earlier on 12/17, matching of contractors to master vendor list (2.3) Communicate with PG&E personnel regarding vendor names / SAP interfaces.(.3)	2.6	\$ 475.00	\$ 1,235.00

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PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Gas and Electric Permitting Support Phase 2

December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	12/17/19	Discussion regarding utility user tax payments and LL type documents, the related SAP interface and relevant documentation with E. Pinto, T. Gaustad (KPMG), J. McBroom, C. Guiman (PG&E).	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/17/19	Meeting to discuss utility user tax with E. Pinto (KPMG) and C. Guiman (PG&E).	1.0	\$ 625.00	\$ 625.00
Michelle Yeung	12/17/19	Ran analyses on SQL database to create reports to communicate progress of direct payments workstream to management.	1.2	\$ 325.00	\$ 390.00
Michelle Yeung	12/17/19	Executed analysis of sample data including identification / analysis of missing documentation in direct payments sampling / direction of efforts to locate missing support for 560 transactions.	1.9	\$ 325.00	\$ 617.50
Michelle Yeung	12/17/19	Continue, from earlier on 12/17, to run analyses on SQL database to create reports to communicate progress of direct payments workstream to management.	2.8	\$ 325.00	\$ 910.00
Michelle Yeung	12/17/19	Continue, from earlier on 12/17, to execute analysis of sample data including identification / analysis of missing documentation in direct payments sampling / direction of efforts in locating missing document support for review.	3.4	\$ 325.00	\$ 1,105.00
Nicole Tran	12/17/19	Research, concurrently analyzing 416 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	2.2	\$ 425.00	\$ 935.00
Nicole Tran	12/17/19	Research, concurrently analyzing 530 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	2.8	\$ 425.00	\$ 1,190.00
Nicole Tran	12/17/19	Research, concurrently analyzing 586 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	3.1	\$ 425.00	\$ 1,317.50
Rachel Wagner-Kaiser	12/17/19	Meeting to review key next steps that we need to outline for status update, including client ready material development, what the computation throughput is on the server, Phase 2 documents and which include SAP documents and which don't, as well as the implications for the model performance with R. Tuggle, Y. Fu, D. Hall (KPMG).	0.3	\$ 475.00	\$ 142.50
Rachel Wagner-Kaiser	12/17/19	Update, as of 12/17/19, the status deck to reflect current status of model performance / confusion matrices / methodology for phase 2 review.	0.6	\$ 475.00	\$ 285.00

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/17/19	Meeting regarding explanations of the dataset breakdown - right now the Phase 2 is the direct invoice population, we should expect additional data on the contract / p-card populations in the future, review current sampling approach for the request for additional transactions to be reviewed from the direct invoice population, how we will address batches of incoming data in terms of re-training and model performance with D. Hall, Y. Fu, R. Tuggle (KPMG).	0.7	\$ 475.00	\$ 332.50
Rachel Wagner-Kaiser	12/17/19	Perform testing of deployment of end to end Ignite workflow on server.	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/17/19	Utilizing combined lists of reviewed documents / sampled documents / full transaction list, reviewing to utilize the intersection of these lists to perform sampling stratified both by vendor / invoice amount to broaden our coverage of vendor variability.	1.4	\$ 475.00	\$ 665.00
Ryan Tuggle	12/17/19	Meeting to review key next steps that we need to outline for status update, including client ready material development, what the computation throughput is on the server, Phase 2 documents and which include SAP documents and which don't, as well as the implications for the model performance with Y. Fu, R. Wagner-Kaiser, D. Hall (KPMG).	0.3	\$ 550.00	\$ 165.00
Ryan Tuggle	12/17/19	Meeting regarding explanations of the dataset breakdown - right now the Phase 2 is the direct invoice population, we should expect additional data on the contract / p-card populations in the future, review current sampling approach for the request for additional transactions to be reviewed from the direct invoice population, how we will address batches of incoming data in terms of re-training and model performance with D. Hall, Y. Fu, R. Wagner-Kaiser (KPMG).	0.7	\$ 550.00	\$ 385.00
Stephen Greer	12/17/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 86 of 560 of assigned documents.	1.8	\$ 475.00	\$ 855.00
Stephen Greer	12/17/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 134 of 560 of assigned documents.	3.0	\$ 475.00	\$ 1,425.00
Stephen Greer	12/17/19	Phase 2 - Extracting Documentation from PG&E SAP for Light House analysis purposes - extraction of 163 of 560 of assigned documents.	3.2	\$ 475.00	\$ 1,520.00
Tabitha Gaustad	12/17/19	Discussion regarding utility user tax payments and LL type documents, the related SAP interface and relevant documentation with J Gonzalez, T. Gaustad (KPMG), J. McBroom, C. Guiman (PG&E).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/17/19	Meeting to discuss project status, as of 12/17, and updates with Y. Fu, E. Pinto (KPMG).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/17/19	Permitting Phase 2 - Analysis of L type transactions, collating information collected from PG&E stakeholders, developing next steps	2.1	\$ 550.00	\$ 1,155.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	12/17/19	Meeting to review key next steps that we need to outline for status update, including client ready material development, what the computation throughput is on the server, Phase 2 documents and which include SAP documents and which don't, as well as the implications for the model performance with R. Tuggle, R. Wagner-Kaiser, D. Hall (KPMG).	0.3	\$ 475.00	\$ 142.50
Yiwen Fu	12/17/19	Meeting to discuss project status and updates as of 12/17 with T. Gaustad, E. Pinto (KPMG).	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	12/17/19	Meeting to discuss the dataset breakdown - right now the Phase 2 is the direct invoice population, we should expect additional data on the contract / p-card populations in the future, review current sampling approach for the request for additional transactions to be reviewed from the direct invoice population, how we will address batches of incoming data in terms of re-training and model performance with D. Hall, R. Wagner-Kaiser, R. Tuggle (KPMG).	0.7	\$ 475.00	\$ 332.50
Bellamy Yoo	12/18/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 34 documents out of 484 assigned.	2.1	\$ 275.00	\$ 577.50
Bellamy Yoo	12/18/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 45 documents out of 484 assigned.	2.8	\$ 275.00	\$ 770.00
Bellamy Yoo	12/18/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 51 documents out of 484 assigned.	3.1	\$ 275.00	\$ 852.50
David Hall	12/18/19	Meeting to review final changes for status update for today that needs to be completed, current status of model deployment workflow, testing SpaCy entity replacement as features, preprocessing error for one document with R. Tuggle, Y. Fu, R. Wagner-Kaiser (KPMG).	0.2	\$ 425.00	\$ 85.00
David Hall	12/18/19	Meeting regarding review of results for models on the holdout sets of data and extensibility in terms of balancing review work vs possible missing of invoices / penalties (consistency vs scalability), challenges with the PG&E SAP system, obtaining the necessary documents, next steps regarding deployment over phase 1 documents, development of confidence metrics, processing of new phase 2 data with J. Gonzalez III (KPMG Principal), R. Tuggle (KPMG Director)Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager).	1.0	\$ 425.00	\$ 425.00
David Hall	12/18/19	Review / refine slides displaying / describing final phase 1 performance metrics on the hold-out (validation) data set.	1.8	\$ 425.00	\$ 765.00
David Hall	12/18/19	Quantify 'DATE' / 'AMOUNT' tokens in document type classifier datasets to determine whether it could be used for potential lift in performance of document type classifier.	2.0	\$ 425.00	\$ 850.00

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Name	Date	Description	Hours	Rate	Amount
David Hall	12/18/19	Perform analysis to explore possibilities of using SpaCy for token replacement for dates / amounts as potential features for modeling of document type classifier for phase 2.	3.0	\$ 425.00	\$ 1,275.00
Eloise Pinto	12/18/19	Discussion regarding electric and gas procurement, LD / LK type documents, the related SAP interface and relevant documentation with J. Gonzalez III and T. Gaustad (KPMG).	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/18/19	Meeting regarding PG&E contacts, electric / gas procurement, LD / LK type documents, the related SAP interface, relevant documentation with J. Gonzalez III (KPMG).	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/18/19	Prepared for discussion with C. Chan (PG&E) by reviewing SAP interfaces for LD / LK type documents.	0.5	\$ 475.00	\$ 237.50
Eloise Pinto	12/18/19	Discussion with T. Gaustad (KPMG) regarding open items related to contractor identification for Permitting Phase 2 analysis to identify in-progress items.	0.7	\$ 475.00	\$ 332.50
Eloise Pinto	12/18/19	Developed list of contractors for indirect review, concurrently including status of related responses from PG&E personnel. (1.7) Draft follow-up correspondence with C. Guiman, J. Wiley and R. Chriss (PG&E). (.6)	2.3	\$ 475.00	\$ 1,092.50
Juan Gonzalez III	12/18/19	Communication regarding meeting to debrief and develop actions items with E. Pinto (KPMG).	0.2	\$ 625.00	\$ 125.00
Juan Gonzalez III	12/18/19	Discussion regarding engagement progress as of 12/18 with R. Chriss (PG&E).	0.2	\$ 625.00	\$ 125.00
Juan Gonzalez III	12/18/19	Review documentation to assess progress as of 12/18, concurrently providing direction to the KPMG team.	0.3	\$ 625.00	\$ 187.50
Juan Gonzalez III	12/18/19	Discussion regarding electric and gas procurement, LD / LK type documents, the related SAP interface and relevant documentation with E. Pinto and T. Gaustad (KPMG).	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/18/19	Meeting regarding PG&E contacts, electric / gas procurement, LD / LK type documents, the related SAP interface, relevant documentation with E. Pinto (KPMG).	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/18/19	Discussion regarding energy procurement invoicing with R. Chriss (PG&E).	0.6	\$ 625.00	\$ 375.00
Juan Gonzalez III	12/18/19	Meeting regarding review of results for models on the holdout sets of data and extensibility in terms of balancing review work vs possible missing of invoices / penalties (consistency vs scalability), challenges with the PG&E SAP system, obtaining the necessary documents, next steps regarding deployment over phase 1 documents, development of confidence metrics, processing of new phase 2 data with Y. Fu (KPMG Manager), R. Tuggle (KPMG Director), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 625.00	\$ 625.00

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	12/18/19	Executed analysis on SQL database to identify potential issues in document extraction for additional Lighthouse request in support of machine learning workstream.	1.7	\$ 325.00	\$ 552.50
Michelle Yeung	12/18/19	Run analysis on progress of direct payments workstream for client / management reporting.	1.9	\$ 325.00	\$ 617.50
Michelle Yeung	12/18/19	Continue, from earlier on 12/18, to run analyses on progress of direct payments workstream for client / management reporting.	2.4	\$ 325.00	\$ 780.00
Michelle Yeung	12/18/19	Supported management of SQL database; specifically identification / mitigation of issues relating to 840 transactions missing supporting documentation / QC of first / second level review results	3.1	\$ 325.00	\$ 1,007.50
Nicole Tran	12/18/19	Performed analysis to compare the newly obtained listing of Authority Having Jurisdictions (AHJs) to our previous AHJ listing.	2.4	\$ 425.00	\$ 1,020.00
Nicole Tran	12/18/19	Research, concurrently analyzing 587 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	3.1	\$ 425.00	\$ 1,317.50
Nicole Tran	12/18/19	Research, concurrently analyzing 643 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	3.4	\$ 425.00	\$ 1,445.00
Rachel Wagner-Kaiser	12/18/19	Meeting to review final changes for status update for today that needs to be completed, current status of model deployment workflow, testing SpaCy entity replacement as features, preprocessing error for one document with R. Tuggle, D. Hall, Y. Fu (KPMG).	0.2	\$ 475.00	\$ 95.00
Rachel Wagner-Kaiser	12/18/19	Perform final updates, as of 12/18, to status deck including updating model performance numbers / incorporating column / row sums for all confusion matrices / incorporating raw numbers for computation time.	0.6	\$ 475.00	\$ 285.00
Rachel Wagner-Kaiser	12/18/19	Debug extraction script to resolve final extraction / structuring error in output step, concurrently pushing updates to master branch / pull updates from master onto server.	1.0	\$ 475.00	\$ 475.00
Rachel Wagner-Kaiser	12/18/19	Meeting regarding review of results for models on the holdout sets of data and extensibility in terms of balancing review work vs possible missing of invoices / penalties (consistency vs scalability), challenges with the PG&E SAP system, obtaining the necessary documents, next steps regarding deployment over phase 1 documents, development of confidence metrics, processing of new phase 2 data with J. Gonzalez III (KPMG Principal), R. Tuggle (KPMG Director), Y. Fu (KPMG Manager), D. Hall (KPMG Sr. Associate)	1.0	\$ 475.00	\$ 475.00

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/18/19	Run deployment workflow on server for phase1 data to obtain structured data output for the first set of data.	1.2	\$ 475.00	\$ 570.00
Ryan Tuggle	12/18/19	Meeting to review final changes for status update for today that needs to be completed, current status of model deployment workflow, testing SpaCy entity replacement as features, preprocessing error for one document with D. Hall, Y. Fu, R. Wagner-Kaiser (KPMG).	0.2	\$ 550.00	\$ 110.00
Ryan Tuggle	12/18/19	Perform project financials forecast to confirm earned value keeping pace with spend.	0.8	\$ 550.00	\$ 440.00
Ryan Tuggle	12/18/19	Meeting regarding review of results for models on the holdout sets of data and extensibility in terms of balancing review work vs possible missing of invoices / penalties (consistency vs scalability), challenges with the PG&E SAP system, obtaining the necessary documents, next steps regarding deployment over phase 1 documents, development of confidence metrics, processing of new phase 2 data with J. Gonzalez III (KPMG Principal), Y. Fu (KPMG Manager), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate).	1.0	\$ 550.00	\$ 550.00
Stephen Greer	12/18/19	Manager Phase 2 second level review of 27 of 300 Transactions.	2.2	\$ 475.00	\$ 1,045.00
Stephen Greer	12/18/19	Manager Phase 2 second level review of 31 of 300 Transactions.	2.5	\$ 475.00	\$ 1,187.50
Stephen Greer	12/18/19	Manager Phase 2 second level review of 42 of 300 Transactions	3.3	\$ 475.00	\$ 1,567.50
Tabitha Gaustad	12/18/19	Discussion regarding electric and gas procurement, LD / LK type documents, the related SAP interface and relevant documentation with J. Gonzalez III and E. Pinto (KPMG).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/18/19	Discussion with E. Pinto (KPMG) regarding open items related to contractor identification for Permitting Phase 2 analysis to identify in-progress items.	0.7	\$ 550.00	\$ 385.00
Tabitha Gaustad	12/18/19	Permitting Phase 2 - Drafting email update and assignments by team member for the engagement partner's review in advance of client update	1.3	\$ 550.00	\$ 715.00
Yiwen Fu	12/18/19	Meeting to review final changes for status update as of 12/18 that needs to be completed, current status of model deployment workflow, testing SpaCy entity replacement as features, preprocessing error for one document with R. Tuggle, D. Hall, R. Wagner-Kaiser (KPMG).	0.2	\$ 475.00	\$ 95.00

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Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	12/18/19	Meeting regarding review of results for models on the holdout sets of data and extensibility in terms of balancing review work vs possible missing of invoices / penalties (consistency vs scalability), challenges with the PG&E SAP system, obtaining the necessary documents, next steps regarding deployment over phase 1 documents, development of confidence metrics, processing of new phase 2 data with J. Gonzalez III (KPMG Principal), R. Tuggle (KPMG Director), R. Wagner-Kaiser (KPMG Manager), D. Hall (KPMG Sr. Associate)	1.0	\$ 475.00	\$ 475.00
Yiwen Fu	12/18/19	Review, as of 12/18/19, the breakdown by document type of second sample of transactions requested for machine learning purposes.	1.0	\$ 475.00	\$ 475.00
Bellamy Yoo	12/19/19	Meeting to discuss project status, as of 12/19/19, updates with T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate).	0.5	\$ 275.00	\$ 137.50
Bellamy Yoo	12/19/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 38 documents out of 484 assigned.	1.8	\$ 275.00	\$ 495.00
Bellamy Yoo	12/19/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 43 documents out of 484 assigned.	2.6	\$ 275.00	\$ 715.00
Bellamy Yoo	12/19/19	Perform 1st level of review, of documents pulled for Permitting Phase 2, of 50 documents out of 484 assigned.	3.1	\$ 275.00	\$ 852.50
Christopher Wong	12/19/19	Meeting to discuss project status, as of 12/19/19, updates with T. Gaustad (KPMG Director) Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), N. Tran (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 325.00	\$ 162.50
David Hall	12/19/19	Analyze possibilities for improving model performance with the transition to new set of data (i.e., making models more generalizable).	1.0	\$ 425.00	\$ 425.00
David Hall	12/19/19	Examine / analyze the single processing error that occurred during the pre-processing of initial set of phase 2 documents (for document type / penalty models).	1.5	\$ 425.00	\$ 637.50
David Hall	12/19/19	Begin creation of quantitative / qualitative descriptions of errors produced by final model of document type classifier on Phase 1 dataset.	2.5	\$ 425.00	\$ 1,062.50
David Hall	12/19/19	Begin creation of quantitative / qualitative descriptions of errors produced by final phase 1 version of penalty models.	3.0	\$ 425.00	\$ 1,275.00
Juan Gonzalez III	12/19/19	Meeting with T. Gaustad and K. Johnson (KPMG) to discuss sample design considerations for indirect spend and p-card.	0.5	\$ 625.00	\$ 312.50

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Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	12/19/19	Meeting to discuss project status, as of 12/19/19, updates with T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), S. Greer (KPMG Manager), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/19/19	Meeting with M. Yeung (KPMG) regarding the status, as of 12/19, of the database and updates.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/19/19	Meeting with T. Gaustad and J. Gonzalez III (KPMG) to discuss sample design considerations for indirect spend and p-card.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/19/19	Meeting regarding potential sample population changes due to insight on Doc Types and further analysis gathered in reviewing Phase 2 transactions with T. Gaustad and Y. Fu (KPMG).	0.6	\$ 475.00	\$ 285.00
Kimberly Johnson	12/19/19	Perform manager review of statistical analysis of Phase 1 document types compiled by associates.	2.5	\$ 475.00	\$ 1,187.50
Kimberly Johnson	12/19/19	Generating analysis on Phase 2 transactions by creating pivots / stratification graphs / groupings of transactions reviewed at 1st level for Phase 2.	3.4	\$ 475.00	\$ 1,615.00
Michelle Yeung	12/19/19	Meeting with K. Johnson (KPMG) regarding the status, as of 12/19, of the database and updates. Discussed 19 SQL queries used in management of SQL Server Database.	0.5	\$ 325.00	\$ 162.50
Michelle Yeung	12/19/19	Supported management of SQL database; specifically the file listing import (350 data points), concurrently updating for direct payments / contractor review in master table (76 queries executed).	1.6	\$ 325.00	\$ 520.00
Michelle Yeung	12/19/19	Continued, from earlier on 12/19, support of management of SQL database; specifically the file listing import (350 data points), concurrently updating for direct payments / contractor review in master table (76 queries executed).	3.7	\$ 325.00	\$ 1,202.50
Nicole Tran	12/19/19	Research, concurrently analyzing 321 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	1.7	\$ 425.00	\$ 722.50
Nicole Tran	12/19/19	Research, concurrently analyzing 567 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	3.0	\$ 425.00	\$ 1,275.00
Nicole Tran	12/19/19	Research, concurrently analyzing 624 selected in-scope vendors of 5,409 vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	3.3	\$ 425.00	\$ 1,402.50
Rachel Wagner-Kaiser	12/19/19	Re-run phase 1 data / run phase 2 data through deployment workflow.	1.4	\$ 475.00	\$ 665.00

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Name	Date	Description	Hours	Rate	Amount
Rachel Wagner-Kaiser	12/19/19	Perform bug fix for deployment workflow on server to fix indexing issue arising through internal function that does not account for duplicate file names, concurrently testing of fix locally / on server.	2.6	\$ 475.00	\$ 1,235.00
Stephen Greer	12/19/19	Meeting to discuss project status, as of 12/19/19, updates with T. Gaustad (KPMG Director), Y. Fu (KPMG Manager), K. Johnson (KPMG Manager), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50
Stephen Greer	12/19/19	Manager Phase 2 Second level review of 15 of 300 transactions.	1.3	\$ 475.00	\$ 617.50
Stephen Greer	12/19/19	Manager Phase 2 Second level review of 33 of 300 transactions.	2.9	\$ 475.00	\$ 1,377.50
Stephen Greer	12/19/19	Manager Phase 2 Second level review of 37 of 300 transactions.	3.3	\$ 475.00	\$ 1,567.50
Tabitha Gaustad	12/19/19	Meeting to discuss project status, as of 12/19/19, updates with Y. Fu (KPMG Manager), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/19/19	Meeting with J. Gonzalez III, K. Johnson (KPMG) to discuss sample design considerations for indirect spend and p-card.	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/19/19	Meeting regarding potential sample population changes due to insight on Doc Types and further analysis gathered in reviewing Phase 2 transactions with K. Johnson and Y. Fu (KPMG).	0.6	\$ 550.00	\$ 330.00
Tabitha Gaustad	12/19/19	Follow-up communication to contractor vendor points of contact for Permitting Phase 2 analysis.	0.7	\$ 550.00	\$ 357.50
Yiwen Fu	12/19/19	Meeting to discuss project status, as of 12/19/19, updates with T. Gaustad (KPMG Director), S. Greer (KPMG Manager), K. Johnson (KPMG Manager), N. Tran (KPMG Associate), C. Wong (KPMG Associate), M. Yeung (KPMG Associate), B. Yoo (KPMG Associate).	0.5	\$ 475.00	\$ 237.50
Yiwen Fu	12/19/19	Meeting regarding potential sample population changes due to insight on Doc Types and further analysis gathered in reviewing Phase 2 transactions with T. Gaustad and K. Johnson (KPMG).	0.6	\$ 475.00	\$ 285.00
Yiwen Fu	12/19/19	Manager review of document type data for full Phase 2 population.	1.0	\$ 475.00	\$ 475.00
Bellamy Yoo	12/20/19	Extracting additional documents from PG&E SAP for Light House Analysis Purposes: Extracted 73 documents out of 711 assigned.	1.8	\$ 275.00	\$ 495.00
Bellamy Yoo	12/20/19	Extracting additional documents from PG&E SAP for Light House Analysis Purposes: Extracted 110 documents out of 711 assigned.	2.8	\$ 275.00	\$ 770.00
Bellamy Yoo	12/20/19	Extracting additional documents from PG&E SAP for Light House Analysis Purposes: Extracted 131 documents out of 711 assigned.	3.4	\$ 275.00	\$ 935.00

EXHIBIT C16**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Gas and Electric Permitting Support Phase 2
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
David Hall	12/20/19	Review current status of testing additional "tfidf" features with SpaCy entities as well as deployment on server for phase 1 / phase 2, phase 2 review status, the document type spreadsheet that is now available to determine whether documents are in the SAP system or not with Y. Fu and R. Wagner-Kaiser (KPMG)	0.4	\$ 425.00	\$ 170.00
David Hall	12/20/19	Continue, as of 12/20/19, examination of single processing error during pre-processing of initial phase 2 documents (again, for building the next models of document type and penalty).	1.1	\$ 425.00	\$ 467.50
David Hall	12/20/19	Plan for transition from phase 1 dataset to much larger phase 2 dataset, including consideration of making document type / penalty models more generalizable for the larger / more varied document population.	1.5	\$ 425.00	\$ 637.50
David Hall	12/20/19	Finalize excel sheet describing quantitatively / qualitatively errors produced by final version of phase 1 document type model.	2.6	\$ 425.00	\$ 1,105.00
David Hall	12/20/19	Finalize the excel sheet describing quantitatively / qualitatively errors produced by final version of phase 1 penalty models (both binary penalty applies and multi-class penalty classifier).	2.4	\$ 425.00	\$ 1,020.00
Juan Gonzalez III	12/20/19	Review of penalty documentation in preparation for meeting.	0.2	\$ 625.00	\$ 125.00
Juan Gonzalez III	12/20/19	Meeting with A. Fakava (PG&E) to discuss interface system charges in SAP.	0.5	\$ 625.00	\$ 312.50
Juan Gonzalez III	12/20/19	Discussion regarding next steps as of 12/20/19, status deck updates for Phase 2 with K. Johnson and T. Gaustad (KPMG).	0.5	\$ 625.00	\$ 312.50
Kimberly Johnson	12/20/19	Meeting with M. Yeung (KPMG) to review and update database for 51 new transactions.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/20/19	Review, as of 12/20/19, the status deck, concurrently updating as appropriate, for ultimate communication to the client.	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/20/19	Discussion regarding to next step, as of 12/20/19, for Phase 2 with J. Gonzalez III and T. Gaustad (KPMG)	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	12/20/19	Derive the metrics, concurrently sorting the errors that included incomplete information for reviewed records.	1.6	\$ 475.00	\$ 760.00
Kimberly Johnson	12/20/19	Review, as of 12/20/19, 48 transactions marked as Yes in database for having Fines / Penalties that were not part of the initial review.	2.3	\$ 475.00	\$ 1,092.50
Kimberly Johnson	12/20/19	Perform manager review of 54 1st level review for those initially marked as Maybe having a fine / penalty.	2.7	\$ 475.00	\$ 1,282.50
Michelle Yeung	12/20/19	Meeting with K. Johnson (KPMG) to review / discuss update of database for 51 new transactions.	0.5	\$ 325.00	\$ 162.50
Michelle Yeung	12/20/19	Extract, concurrently reviewing the supporting documentation from SAP for 87 direct payments in support of Lighthouse workstream.	2.3	\$ 325.00	\$ 747.50

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Gas and Electric Permitting Support Phase 2
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	12/20/19	Continue, from earlier in the day on 12/20/19, to extract, concurrently reviewing the supporting documentation from SAP for 87 direct payments in support of Lighthouse workstream.	2.4	\$ 325.00	\$ 780.00
Michelle Yeung	12/20/19	Continue, from earlier in the day on 12/20/19 (2nd), to extract, concurrently reviewing the supporting documentation from SAP for 87 direct payments in support of Lighthouse workstream.	3.3	\$ 325.00	\$ 1,072.50
Nicole Tran	12/20/19	Perform research, concurrently analyzing 325 of the selected in-scope +5k vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	1.8	\$ 425.00	\$ 765.00
Nicole Tran	12/20/19	Perform research, concurrently analyzing 501 of the selected in-scope +5k vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	2.9	\$ 425.00	\$ 1,232.50
Nicole Tran	12/20/19	Research, concurrently analyzing 630 of the selected in-scope +5k vendor list to determine whether or not the vendor is a government agency and / or if the vendor could issue encroachment permits.	3.4	\$ 425.00	\$ 1,445.00
Rachel Wagner-Kaiser	12/20/19	Review current status of testing additional tfidf features with SpaCy entities as well as deployment on server for phase 1 / phase 2, phase 2 review status (the document type spreadsheet that is now available to determine whether documents are in the SAP system or not) with Y. Fu and D. Hall (KPMG).	0.4	\$ 475.00	\$ 190.00
Rachel Wagner-Kaiser	12/20/19	Update code, as of 12/20/19, to compare results from model effectively to reviewed data / explore confidence "model".	1.6	\$ 475.00	\$ 760.00
Rachel Wagner-Kaiser	12/20/19	Run, concurrently verifying that phase 1 / phase 2 deployments are going smoothly on server.	2.0	\$ 475.00	\$ 950.00
Stephen Greer	12/20/19	Manager Phase 2 Second level review of 31 of 300 transactions.	2.4	\$ 475.00	\$ 1,140.00
Stephen Greer	12/20/19	Manager Phase 2 Second level review of 34 of 300 transactions.	2.6	\$ 475.00	\$ 1,235.00
Tabitha Gaustad	12/20/19	Permitting Phase 2 Pcard: Transfer 771 Concur transaction files from FTP for Phase 2 permitting analysis, communications regarding FTP transfer. (.2) Drafting email correspondence on Pcard data to KPMG team members. (.1)	0.3	\$ 550.00	\$ 165.00
Tabitha Gaustad	12/20/19	Update, as of 12/20/19, status deck and discussion regarding next steps / tasks for Phase 2 with K. Johnson and J. Gonzales III (KPMG).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	12/20/19	Review progress on Permitting Phase 2 and draft status report for R. Chriss (PG&E)	1.3	\$ 550.00	\$ 687.50

EXHIBIT C16

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Gas and Electric Permitting Support Phase 2
December 1, 2019 through December 31, 2019

Name	Date	Description	Hours	Rate	Amount
Yiwen Fu	12/20/19	Review current status of testing additional tfidf features with SpaCy entities as well as deployment on server for phase 1 / phase 2, phase 2 review status, the document type spreadsheet that is now available to determine whether documents are in the SAP system or not with R. Wagner-Kaiser, D. Hall (KPMG).	0.4	\$ 475.00	\$ 190.00
Total Gas and Electric Permitting Support Phase 2 Services			<u>800.9</u>		<u>\$ 341,773.75</u>